

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.440	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9264	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9265	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.880	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9267	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9269	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	9270	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9271	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9272	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.750	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9274	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.640	RC1	0.00	≤ 1	CS121)	or 2
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Negligible deformations
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
9276	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.125	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9277	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9278	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9279	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
9280	1.760	RC2	0.00	≤ 1	SE406)	z-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9281	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9282	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.880	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9283	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.760	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9284	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6	

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	6.2.6, 6.2.7 and 6.2.9 Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9285	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9286	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9287	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9288	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9991	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.384	RC1	0.00	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10027	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.194	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.194	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.387	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10030	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.074	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.074	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.074	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.147	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.074	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.147	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.074	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.074	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10047	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.421	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10096	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.194	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.194	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.387	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.194	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.194	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10460	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.727	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10461	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10462	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

Project: Model: Oikia Paidwn_phase 2_R10 Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.727	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10463	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10464	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10470	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10471	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10472	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10473	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10474	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10480	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.727	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.727	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10481	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.727	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10482	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.727	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10483	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.090	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10484	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.363	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.727	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10597	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10599	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10601	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10602	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
2.640		RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.640		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.640		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.320		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.320		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.320		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.440		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.440		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.440		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10603		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10604	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
2.640		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.640		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.640		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	6.2.6, 6.2.7 and 6.2.9 Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.440	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	2.640	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	10616	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.640		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000		RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.640		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.320		RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.320		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.320		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.880		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.880		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.320		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10618	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.750	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	10623	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.440	RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.440		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.440		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.320		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.320		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.320		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.320		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.320		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
10625		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	10628 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.320	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10630 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.880	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10631 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.640	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.640	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.760	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10632	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.440	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.440	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.440	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10633	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10634	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10635	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10636	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.440	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.440	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.440	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10637	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
2.640		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.640		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.640		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
1.320		RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.320		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	10639	1.320	RC9	0.00	≤ 1	CS100)	Negligible internal forces
		2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.320	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	10641	0.617	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.617	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
		0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.617	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.309	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	10643	0.147	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.147	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.147	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.147	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
		0.074	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		0.147	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
		0.147	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
10644	0.074	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.074	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.074	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.074	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.842	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.421	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.421	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.842	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.842	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.842	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10646	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.640	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.640	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.320	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.640	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10648	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.375	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.375	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.375	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.375	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10653	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.440	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.440	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10655	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10688	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.155	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.310	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.155	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.155	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10693	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.194	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.194	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.387	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.387	RC9	0.04	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.194	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10694	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.617	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.617	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10695	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.155	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.310	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
10700	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.387	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10701	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.309	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.617	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10702	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.310	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.155	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.310	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.155	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.155	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10718	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10719	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10720	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10853	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.155	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.310	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.155	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.155	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10855	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.617	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.309	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.617	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10993	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
10994	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
10999	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11000	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11001	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11002	0.000	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
11003	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
11004	1.500	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
11007	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11018	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11023	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS221)	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS111)	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11024	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.500		RC9	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
1.000		RC9	0.00	≤ 1	CS101)	
0.500		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.500		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.500		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.500		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11025	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS101)	
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11026	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS101)	
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11027	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS101)	
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11028	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
11202	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11203	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.500		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.000		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.000		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.500		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.000		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.500		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.500		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.500		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.000		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11204		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11205	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11206	1.500	RC9	0.02	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1	
	0.500	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
11207	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11208	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.000		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.500		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.000		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.500		RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.500		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.000		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11209		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11210	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.479		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.479		RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.479		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.479	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.479	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11211	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.479	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.479	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.479	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11212	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.479	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.479	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11213	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11214	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.958	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.958	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.479	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11215	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.958	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.958	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11216	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.479	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.479	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11217	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.479	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.479	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.479	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.479	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.479	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11477	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11478	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.128	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11482	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.128	RC9	0.01	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11484	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.128	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11486	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11488	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11490	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.128	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11492	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.376	RC1	0.00	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11494	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
11496	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.376	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11498	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.128	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.752	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.128	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.752	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

Project:

Model: Oikia Paidwn_phase 2_R10

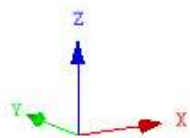
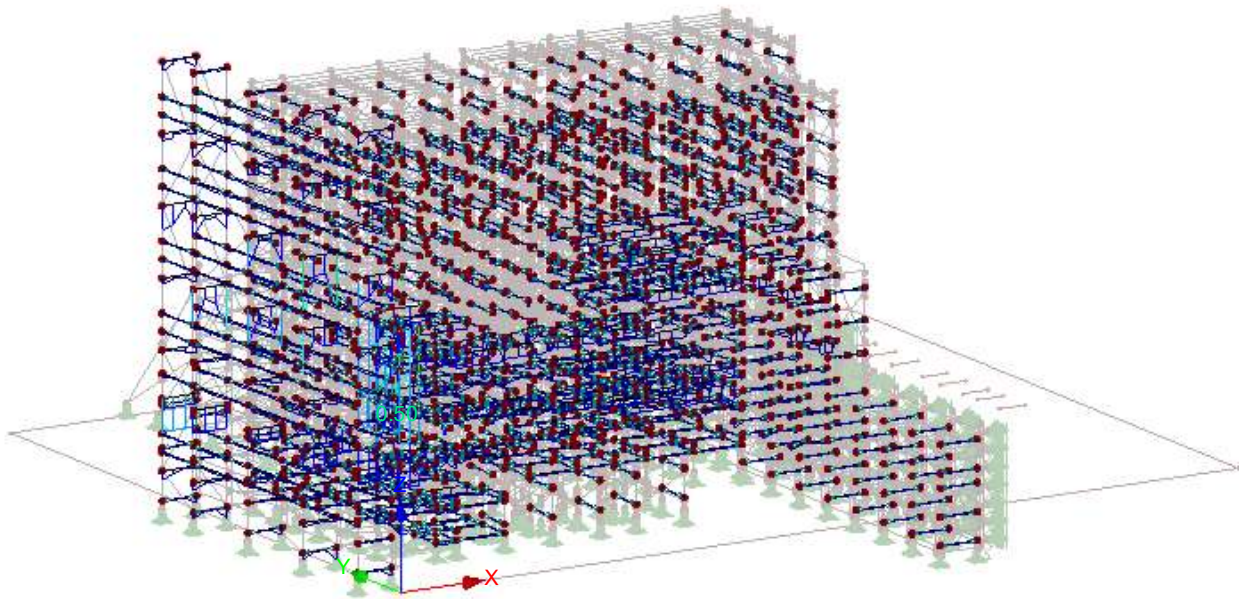
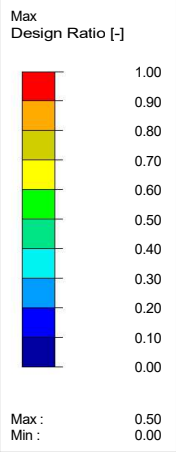
Date: 4/10/2023

DESIGN RATIO

RF-STEEL EC3 CA2

Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric



Max Design Ratio: 0.50

RF-STEEL EC3
CA3
Diagonals

Project:

Model: Oikia Paidwn_phase 2_R10

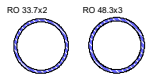
Date: 4/10/2023

1.1 GENERAL DATA

Members to design:	57-68,71,72,185-196,262,305-316,373-384,457-468,525-536,661-676, 820-835,1098-1101,1188-1191,1196-1199,1244-1251,1320-1323,1410-1413, 1418-1421,1466-1473,1567,1574-1578,1614-1617,1646-1649,1722-1729, 1736-1739,1754-1757,1782-1785,1800-1803,1866-1869,1884-1887,1982-1989, 1996-1999,2014-2017,2074-2081,2096-2099,2128-2131,2204-2211,2218-2221, 2236-2239,2264-2267,2282-2285,2342-2349,2388-2395,2402-2405,2420-2423, 2480-2487,2578-2581,2610-2613,2686-2693,2700-2703,2718-2721,2824-2831, 2884-2887,2902-2905,2962-2969,3084-3091,3202-3205,3234-3237,3310-3317, 3324-3327,3342-3345,3448-3455,3508-3511,3526-3529,3586-3593,3708-3715, 4057-4068,4161-4172,4492-4499,4559-4566,4660,4661,4670,4671, 4705-4708,4712,4713,4718,4719,4732,4733,4738,4739,4765-4768, 4785-4788,4792,4793,4798,4799,4825-4828,5124-5127,5381-5396, 5516-5531,5616-5623,5680-5687,5738-5745,5788,5789,5802,5803,5830, 5831,5838,5839,5848,5849,5856,5857,5946-5953,6024,6025,6038,6039, 6066,6067,6074,6075,6084,6085,6092,6093,6180-6187,6305-6316, 6384-6391,6400-6403,6461-6472,6540-6547,6556-6559,6599-6602,7093, 7822,7857,8447,8556,8559,8562,8563,8590-8593,8615,8619,8620,8627, 8651-8654,8676-8679,8696-8699,8721-8724,9089,10019,10427-10459,10598, 10600,10608,10610,10611,10699,10713,10814-10821,10823-10832,10857, 10858,10860		
Sets of members to design:			
National Annex:	CEN		
Ultimate Limit State Design Result combinations to design:	RC1 RC9	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos x+	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm ²]	Shear Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm ²]	Max. Thickness t [mm]
1	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0



1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
3	1	RO 33.7x2 EN 10219-2:2006	Pipe	0.81	
16	1	RO 48.3x3 EN 10219-2:2006	Pipe	0.90	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y				Buckling About Axis z				Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]	
57	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
58	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
59	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
60	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
61	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
62	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
63	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
64	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
65	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
66	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
67	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
68	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
71	☑	☑	1.00	1.844	☑	1.00	1.844	☐	1.0	1.0	1.844	1.844	
72	☑	☑	1.00	1.844	☑	1.00	1.844	☐	1.0	1.0	1.844	1.844	
185	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
186	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
187	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
188	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
189	☑	☑	1.00	1.832	☑	1.00	1.832	☐	1.0	1.0	1.832	1.832	
190	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
191	☑	☑	1.00	1.832	☑	1.00	1.832	☐	1.0	1.0	1.832	1.832	
192	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
193	☑	☑	1.00	0.513	☑	1.00	0.513	☐	1.0	1.0	0.513	0.513	
194	☑	☑	1.00	1.832	☑	1.00	1.832	☐	1.0	1.0	1.832	1.832	
195	☑	☑	1.00	1.832	☑	1.00	1.832	☐	1.0	1.0	1.832	1.832	
196	☑	☑	1.00	1.832	☑	1.00	1.832	☐	1.0	1.0	1.832	1.832	
262	☑	☑	1.00	0.220	☑	1.00	0.220	☐	1.0	1.0	0.220	0.220	
305	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
306	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
307	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
308	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
309	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
310	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
311	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
312	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	
313	☑	☑	1.00	2.052	☑	1.00	2.052	☐	1.0	1.0	2.052	2.052	

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
314	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
316	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
373	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
374	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
376	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
377	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
378	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
379	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
380	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
381	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
382	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
383	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
384	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
457	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
458	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
459	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
460	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
461	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
462	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
463	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
464	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
465	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
466	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
467	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
468	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
525	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
531	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
532	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
533	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
534	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
535	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
661	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
662	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
663	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
664	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
665	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
666	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
667	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
668	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
669	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
670	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
671	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
672	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
673	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
674	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
675	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
676	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
820	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
821	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
822	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
823	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
832	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
833	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
834	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
835	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1098	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1099	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1188	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1189	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1190	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1191	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1196	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1197	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1198	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1199	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1244	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1245	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1246	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1247	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1248	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1249	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1251	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1323	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1410	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1411	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1412	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1413	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1418	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1419	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1420	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1421	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1466	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1467	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1468	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
1469	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
1470	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1471	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
1472	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
1473	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
1567	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.220	<input checked="" type="checkbox"/>	1.00	0.220	<input type="checkbox"/>	1.0	1.0	0.220	0.220
1574	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.220	<input checked="" type="checkbox"/>	1.00	0.220	<input type="checkbox"/>	1.0	1.0	0.220	0.220
1575	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.220	<input checked="" type="checkbox"/>	1.00	0.220	<input type="checkbox"/>	1.0	1.0	0.220	0.220
1576	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.319	<input checked="" type="checkbox"/>	1.00	1.319	<input type="checkbox"/>	1.0	1.0	1.319	1.319
1577	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.220	<input checked="" type="checkbox"/>	1.00	0.220	<input type="checkbox"/>	1.0	1.0	0.220	0.220
1578	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.220	<input checked="" type="checkbox"/>	1.00	0.220	<input type="checkbox"/>	1.0	1.0	0.220	0.220
1614	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1615	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1616	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1617	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1646	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1647	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1648	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1649	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1722	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1723	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1725	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1726	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1727	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1728	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1729	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1736	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1737	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1754	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1755	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1757	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1782	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1783	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1784	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1785	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1801	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1802	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1803	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1867	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1868	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1869	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1884	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1885	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1886	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1887	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1982	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1983	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1984	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1985	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1988	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1989	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
1996	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1998	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2016	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2078	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2079	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2080	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2081	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2096	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2097	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2098	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2099												

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
2131	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2204	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2205	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2206	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2208	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2210	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2211	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2218	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2219	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2221	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2236	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2237	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2238	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2239	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2264	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2265	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2266	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2267	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2282	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2283	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2284	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2285	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2342	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2343	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2344	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2345	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2346	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2347	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2348	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2349	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2388	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2389	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2390	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2391	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2392	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2393	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2394	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2395	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
2402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2404	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2405	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2420	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2421	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2422	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2423	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2480	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2481	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2482	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2483	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2484	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2485	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2486	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2487	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
2578	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2579	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2580	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2581	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2610	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2611	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2612	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2613	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2686	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2687	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2688	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2689	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2690	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2691	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2692	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2693	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
2700	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2701	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2702	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.803	<input checked="" type="checkbox"/>	1.00	1.803	<input type="checkbox"/>	1.0	1.0	1.803	1.803
2703	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2718	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2719	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2720	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2721	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2884	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2885												

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
2903	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2904	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2905	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2962	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2963	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2964	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2965	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2966	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2967	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2968	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
2969	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3084	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3085	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3086	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3087	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3088	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3090	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3091	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3202	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3203	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3204	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3205	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3234	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3235	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3236	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3237	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3310	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3313	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3314	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3316	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3317	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
3324	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3325	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3326	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3327	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3342	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3343	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3344	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3345	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3448	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3449	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3450	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3451	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3452	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3453	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3454	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3455	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3509	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3510	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3511	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3586	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3587	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3588	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3589	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3590	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3591	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3592	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3593	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3708	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3709	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3710	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3711	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3712	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3713	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3714	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
3715	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4057	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4058	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4059	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4060	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4061	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4062	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4063	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4064	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4065	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4066	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4067	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4068	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4161	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4162	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4163	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4164												

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
4168	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4169	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4170	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4171	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4172	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4492	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4493	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4494	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4495	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4496	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4497	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4498	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4499	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4562	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4563	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4564	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4565	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4566	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.705	<input checked="" type="checkbox"/>	1.00	1.705	<input type="checkbox"/>	1.0	1.0	1.705	1.705
4660	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4661	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4670	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4671	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4705	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4706	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4707	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4708	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4712	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4713	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4718	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4719	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4732	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4733	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4765	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4766	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4767	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4768	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4785	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
4786	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
4787	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
4788	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
4792	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4793	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4798	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4799	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
4825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
4828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.698	<input checked="" type="checkbox"/>	1.00	1.698	<input type="checkbox"/>	1.0	1.0	1.698	1.698
5124	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
5125	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
5126	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
5127	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.844	<input checked="" type="checkbox"/>	1.00	1.844	<input type="checkbox"/>	1.0	1.0	1.844	1.844
5381	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5382	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5383	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5384	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5385	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5386	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5387	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5388	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5389	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5390	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5391	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5392	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5393	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5394	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5395	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5396	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.696	<input checked="" type="checkbox"/>	1.00	1.696	<input type="checkbox"/>	1.0	1.0	1.696	1.696
5516	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5517	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5518	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5519	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5520	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5521	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5522	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5523	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5524	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5525	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5531	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5616	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5617												

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
5621	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5622	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5623	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5680	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5681	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5682	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5683	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5684	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5685	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5686	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5687	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5740	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5741	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5742	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5743	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5744	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5745	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5788	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5789	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5802	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5803	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5838	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5839	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5848	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5857	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5946	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5947	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5948	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5949	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5950	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5951	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5952	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
5953	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6025	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6038	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6039	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6066	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6067	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6084	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6085	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6092	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6093	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6181	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6182	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6183	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6184	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6185	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6186	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6187	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6305	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6306	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6307	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6308	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6309	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6310	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6313	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6314	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6316	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6384	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6385	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6386	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6387	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6388	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6389	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6390	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6391	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6401	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.293	<input checked="" type="checkbox"/>	1.00	0.293	<input type="checkbox"/>	1.0	1.0	0.293	0.293
6461	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6462	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6463	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6464	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6465	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6466	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6467	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6468												

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
6472	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
6540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6541	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6542	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6543	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6544	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6545	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6546	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6547	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
6599	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
6600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
6601	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
6602	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.852	<input checked="" type="checkbox"/>	1.00	0.852	<input type="checkbox"/>	1.0	1.0	0.852	0.852
7093	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
7822	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
7857	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8447	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8562	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8563	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8590	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8591	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8592	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8593	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8615	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8619	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8620	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8627	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.052	<input checked="" type="checkbox"/>	1.00	2.052	<input type="checkbox"/>	1.0	1.0	2.052	2.052
8651	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8652	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8653	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8654	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8676	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8677	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8678	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8679	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8696	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8697	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8698	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8699	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8721	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8722	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8723	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
8724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.700	<input checked="" type="checkbox"/>	1.00	1.700	<input type="checkbox"/>	1.0	1.0	1.700	1.700
9089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.407	<input checked="" type="checkbox"/>	1.00	1.407	<input type="checkbox"/>	1.0	1.0	1.407	1.407
10019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.122	<input checked="" type="checkbox"/>	1.00	0.122	<input type="checkbox"/>	1.0	1.0	0.122	0.122
10427	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10428	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10429	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10430	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10431	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10433	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10435	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10436	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10437	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10438	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10439	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10441	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10442	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10443	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10444	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10445	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10446	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10447	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10448	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10449	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10450	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10451	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10452	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10453	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10454	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10455	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10456	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10457	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10458	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10459	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10598	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10608	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10610	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10611	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.312	<input checked="" type="checkbox"/>	1.00	3.312	<input type="checkbox"/>	1.0	1.0	3.312	3.312
10699	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
10713	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164</					

Project:

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Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
10817	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.729	<input checked="" type="checkbox"/>	1.00	1.729	<input type="checkbox"/>	1.0	1.0	1.729	1.729
10818	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.777	<input checked="" type="checkbox"/>	1.00	2.777	<input type="checkbox"/>	1.0	1.0	2.777	2.777
10819	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.777	<input checked="" type="checkbox"/>	1.00	2.777	<input type="checkbox"/>	1.0	1.0	2.777	2.777
10820	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.777	<input checked="" type="checkbox"/>	1.00	2.777	<input type="checkbox"/>	1.0	1.0	2.777	2.777
10821	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.729	<input checked="" type="checkbox"/>	1.00	1.729	<input type="checkbox"/>	1.0	1.0	1.729	1.729
10823	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.500	<input checked="" type="checkbox"/>	1.00	2.500	<input type="checkbox"/>	1.0	1.0	2.500	2.500
10827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.011	<input checked="" type="checkbox"/>	1.00	2.011	<input type="checkbox"/>	1.0	1.0	2.011	2.011
10828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.011	<input checked="" type="checkbox"/>	1.00	2.011	<input type="checkbox"/>	1.0	1.0	2.011	2.011
10829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10832	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.961	<input checked="" type="checkbox"/>	1.00	2.961	<input type="checkbox"/>	1.0	1.0	2.961	2.961
10857	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
10858	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
10860	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.122	<input checked="" type="checkbox"/>	1.00	0.122	<input type="checkbox"/>	1.0	1.0	0.122	0.122

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e_0 [mm]	Beam Type
			Manually	l [m]			
1	Member	57	<input type="checkbox"/>	2.052	y, z	0.0	Beam
2	Member	58	<input type="checkbox"/>	2.052	y, z	0.0	Beam
3	Member	59	<input type="checkbox"/>	2.052	y, z	0.0	Beam
4	Member	60	<input type="checkbox"/>	2.052	y, z	0.0	Beam
5	Member	61	<input type="checkbox"/>	2.052	y, z	0.0	Beam
6	Member	62	<input type="checkbox"/>	2.052	y, z	0.0	Beam
7	Member	63	<input type="checkbox"/>	2.052	y, z	0.0	Beam
8	Member	64	<input type="checkbox"/>	2.052	y, z	0.0	Beam
9	Member	65	<input type="checkbox"/>	2.052	y, z	0.0	Beam
10	Member	66	<input type="checkbox"/>	2.052	y, z	0.0	Beam
11	Member	67	<input type="checkbox"/>	2.052	y, z	0.0	Beam
12	Member	68	<input type="checkbox"/>	2.052	y, z	0.0	Beam
13	Member	71	<input type="checkbox"/>	1.844	y, z	0.0	Beam
14	Member	72	<input type="checkbox"/>	1.844	y, z	0.0	Beam
15	Member	185	<input type="checkbox"/>	2.052	y, z	0.0	Beam
16	Member	186	<input type="checkbox"/>	2.052	y, z	0.0	Beam
17	Member	187	<input type="checkbox"/>	2.052	y, z	0.0	Beam
18	Member	188	<input type="checkbox"/>	2.052	y, z	0.0	Beam
19	Member	189	<input type="checkbox"/>	1.832	y, z	0.0	Beam
20	Member	190	<input type="checkbox"/>	2.052	y, z	0.0	Beam
21	Member	191	<input type="checkbox"/>	1.832	y, z	0.0	Beam
22	Member	192	<input type="checkbox"/>	2.052	y, z	0.0	Beam
23	Member	193	<input type="checkbox"/>	0.513	y, z	0.0	Beam
24	Member	194	<input type="checkbox"/>	1.832	y, z	0.0	Beam
25	Member	195	<input type="checkbox"/>	1.832	y, z	0.0	Beam
26	Member	196	<input type="checkbox"/>	1.832	y, z	0.0	Beam
27	Member	262	<input type="checkbox"/>	0.220	y, z	0.0	Beam
28	Member	305	<input type="checkbox"/>	2.052	y, z	0.0	Beam
29	Member	306	<input type="checkbox"/>	2.052	y, z	0.0	Beam
30	Member	307	<input type="checkbox"/>	2.052	y, z	0.0	Beam
31	Member	308	<input type="checkbox"/>	2.052	y, z	0.0	Beam
32	Member	309	<input type="checkbox"/>	2.052	y, z	0.0	Beam
33	Member	310	<input type="checkbox"/>	2.052	y, z	0.0	Beam
34	Member	311	<input type="checkbox"/>	2.052	y, z	0.0	Beam
35	Member	312	<input type="checkbox"/>	2.052	y, z	0.0	Beam
36	Member	313	<input type="checkbox"/>	2.052	y, z	0.0	Beam
37	Member	314	<input type="checkbox"/>	2.052	y, z	0.0	Beam
38	Member	315	<input type="checkbox"/>	2.052	y, z	0.0	Beam
39	Member	316	<input type="checkbox"/>	2.052	y, z	0.0	Beam
40	Member	373	<input type="checkbox"/>	2.052	y, z	0.0	Beam
41	Member	374	<input type="checkbox"/>	2.052	y, z	0.0	Beam
42	Member	375	<input type="checkbox"/>	2.052	y, z	0.0	Beam
43	Member	376	<input type="checkbox"/>	2.052	y, z	0.0	Beam
44	Member	377	<input type="checkbox"/>	2.052	y, z	0.0	Beam
45	Member	378	<input type="checkbox"/>	2.052	y, z	0.0	Beam
46	Member	379	<input type="checkbox"/>	2.052	y, z	0.0	Beam
47	Member	380	<input type="checkbox"/>	2.052	y, z	0.0	Beam
48	Member	381	<input type="checkbox"/>	2.052	y, z	0.0	Beam
49	Member	382	<input type="checkbox"/>	2.052	y, z	0.0	Beam
50	Member	383	<input type="checkbox"/>	2.052	y, z	0.0	Beam
51	Member	384	<input type="checkbox"/>	2.052	y, z	0.0	Beam
52	Member	457	<input type="checkbox"/>	2.052	y, z	0.0	Beam
53	Member	458	<input type="checkbox"/>	2.052	y, z	0.0	Beam
54	Member	459	<input type="checkbox"/>	2.052	y, z	0.0	Beam
55	Member	460	<input type="checkbox"/>	2.052	y, z	0.0	Beam
56	Member	461	<input type="checkbox"/>	2.052	y, z	0.0	Beam
57	Member	462	<input type="checkbox"/>	2.052	y, z	0.0	Beam
58	Member	463	<input type="checkbox"/>	2.052	y, z	0.0	Beam
59	Member	464	<input type="checkbox"/>	2.052	y, z	0.0	Beam
60	Member	465	<input type="checkbox"/>	2.052	y, z	0.0	Beam
61	Member	466	<input type="checkbox"/>	2.052	y, z	0.0	Beam
62	Member	467	<input type="checkbox"/>	2.052	y, z	0.0	Beam
63	Member	468	<input type="checkbox"/>	2.052	y, z	0.0	Beam
64	Member	525	<input type="checkbox"/>	2.052	y, z	0.0	Beam
65	Member	526	<input type="checkbox"/>	2.052	y, z	0.0	Beam
66	Member	527	<input type="checkbox"/>	2.052	y, z	0.0	Beam
67	Member	528	<input type="checkbox"/>	2.052	y, z	0.0	Beam
68	Member	529	<input type="checkbox"/>	2.052	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
69	Member	530	<input type="checkbox"/>	2.052	y, z	0.0	Beam
70	Member	531	<input type="checkbox"/>	2.052	y, z	0.0	Beam
71	Member	532	<input type="checkbox"/>	2.052	y, z	0.0	Beam
72	Member	533	<input type="checkbox"/>	2.052	y, z	0.0	Beam
73	Member	534	<input type="checkbox"/>	2.052	y, z	0.0	Beam
74	Member	535	<input type="checkbox"/>	2.052	y, z	0.0	Beam
75	Member	536	<input type="checkbox"/>	2.052	y, z	0.0	Beam
76	Member	661	<input type="checkbox"/>	2.052	y, z	0.0	Beam
77	Member	662	<input type="checkbox"/>	2.052	y, z	0.0	Beam
78	Member	663	<input type="checkbox"/>	2.052	y, z	0.0	Beam
79	Member	664	<input type="checkbox"/>	2.052	y, z	0.0	Beam
80	Member	665	<input type="checkbox"/>	2.052	y, z	0.0	Beam
81	Member	666	<input type="checkbox"/>	2.052	y, z	0.0	Beam
82	Member	667	<input type="checkbox"/>	2.052	y, z	0.0	Beam
83	Member	668	<input type="checkbox"/>	2.052	y, z	0.0	Beam
84	Member	669	<input type="checkbox"/>	2.052	y, z	0.0	Beam
85	Member	670	<input type="checkbox"/>	2.052	y, z	0.0	Beam
86	Member	671	<input type="checkbox"/>	2.052	y, z	0.0	Beam
87	Member	672	<input type="checkbox"/>	2.052	y, z	0.0	Beam
88	Member	673	<input type="checkbox"/>	2.052	y, z	0.0	Beam
89	Member	674	<input type="checkbox"/>	2.052	y, z	0.0	Beam
90	Member	675	<input type="checkbox"/>	2.052	y, z	0.0	Beam
91	Member	676	<input type="checkbox"/>	2.052	y, z	0.0	Beam
92	Member	820	<input type="checkbox"/>	1.705	y, z	0.0	Beam
93	Member	821	<input type="checkbox"/>	1.705	y, z	0.0	Beam
94	Member	822	<input type="checkbox"/>	1.705	y, z	0.0	Beam
95	Member	823	<input type="checkbox"/>	1.705	y, z	0.0	Beam
96	Member	824	<input type="checkbox"/>	1.705	y, z	0.0	Beam
97	Member	825	<input type="checkbox"/>	1.705	y, z	0.0	Beam
98	Member	826	<input type="checkbox"/>	1.705	y, z	0.0	Beam
99	Member	827	<input type="checkbox"/>	1.705	y, z	0.0	Beam
100	Member	828	<input type="checkbox"/>	1.705	y, z	0.0	Beam
101	Member	829	<input type="checkbox"/>	1.705	y, z	0.0	Beam
102	Member	830	<input type="checkbox"/>	1.705	y, z	0.0	Beam
103	Member	831	<input type="checkbox"/>	1.705	y, z	0.0	Beam
104	Member	832	<input type="checkbox"/>	1.705	y, z	0.0	Beam
105	Member	833	<input type="checkbox"/>	1.705	y, z	0.0	Beam
106	Member	834	<input type="checkbox"/>	1.705	y, z	0.0	Beam
107	Member	835	<input type="checkbox"/>	1.705	y, z	0.0	Beam
108	Member	1098	<input type="checkbox"/>	2.052	y, z	0.0	Beam
109	Member	1099	<input type="checkbox"/>	2.052	y, z	0.0	Beam
110	Member	1100	<input type="checkbox"/>	2.052	y, z	0.0	Beam
111	Member	1101	<input type="checkbox"/>	2.052	y, z	0.0	Beam
112	Member	1188	<input type="checkbox"/>	2.052	y, z	0.0	Beam
113	Member	1189	<input type="checkbox"/>	2.052	y, z	0.0	Beam
114	Member	1190	<input type="checkbox"/>	2.052	y, z	0.0	Beam
115	Member	1191	<input type="checkbox"/>	2.052	y, z	0.0	Beam
116	Member	1196	<input type="checkbox"/>	1.698	y, z	0.0	Beam
117	Member	1197	<input type="checkbox"/>	1.698	y, z	0.0	Beam
118	Member	1198	<input type="checkbox"/>	1.698	y, z	0.0	Beam
119	Member	1199	<input type="checkbox"/>	1.698	y, z	0.0	Beam
120	Member	1244	<input type="checkbox"/>	1.705	y, z	0.0	Beam
121	Member	1245	<input type="checkbox"/>	1.705	y, z	0.0	Beam
122	Member	1246	<input type="checkbox"/>	1.705	y, z	0.0	Beam
123	Member	1247	<input type="checkbox"/>	1.705	y, z	0.0	Beam
124	Member	1248	<input type="checkbox"/>	1.705	y, z	0.0	Beam
125	Member	1249	<input type="checkbox"/>	1.705	y, z	0.0	Beam
126	Member	1250	<input type="checkbox"/>	1.705	y, z	0.0	Beam
127	Member	1251	<input type="checkbox"/>	1.705	y, z	0.0	Beam
128	Member	1320	<input type="checkbox"/>	2.052	y, z	0.0	Beam
129	Member	1321	<input type="checkbox"/>	2.052	y, z	0.0	Beam
130	Member	1322	<input type="checkbox"/>	2.052	y, z	0.0	Beam
131	Member	1323	<input type="checkbox"/>	2.052	y, z	0.0	Beam
132	Member	1410	<input type="checkbox"/>	2.052	y, z	0.0	Beam
133	Member	1411	<input type="checkbox"/>	2.052	y, z	0.0	Beam
134	Member	1412	<input type="checkbox"/>	2.052	y, z	0.0	Beam
135	Member	1413	<input type="checkbox"/>	2.052	y, z	0.0	Beam
136	Member	1418	<input type="checkbox"/>	1.698	y, z	0.0	Beam
137	Member	1419	<input type="checkbox"/>	1.698	y, z	0.0	Beam
138	Member	1420	<input type="checkbox"/>	1.698	y, z	0.0	Beam
139	Member	1421	<input type="checkbox"/>	1.698	y, z	0.0	Beam
140	Member	1466	<input type="checkbox"/>	1.705	y, z	0.0	Beam
141	Member	1467	<input type="checkbox"/>	1.705	y, z	0.0	Beam
142	Member	1468	<input type="checkbox"/>	0.852	y, z	0.0	Beam
143	Member	1469	<input type="checkbox"/>	0.852	y, z	0.0	Beam
144	Member	1470	<input type="checkbox"/>	1.705	y, z	0.0	Beam
145	Member	1471	<input type="checkbox"/>	1.705	y, z	0.0	Beam
146	Member	1472	<input type="checkbox"/>	0.852	y, z	0.0	Beam
147	Member	1473	<input type="checkbox"/>	0.852	y, z	0.0	Beam
148	Member	1567	<input type="checkbox"/>	0.220	y, z	0.0	Beam
149	Member	1574	<input type="checkbox"/>	0.220	y, z	0.0	Beam
150	Member	1575	<input type="checkbox"/>	0.220	y, z	0.0	Beam
151	Member	1576	<input type="checkbox"/>	1.319	y, z	0.0	Beam
152	Member	1577	<input type="checkbox"/>	0.220	y, z	0.0	Beam
153	Member	1578	<input type="checkbox"/>	0.220	y, z	0.0	Beam
154	Member	1614	<input type="checkbox"/>	2.052	y, z	0.0	Beam
155	Member	1615	<input type="checkbox"/>	2.052	y, z	0.0	Beam
156	Member	1616	<input type="checkbox"/>	2.052	y, z	0.0	Beam
157	Member	1617	<input type="checkbox"/>	2.052	y, z	0.0	Beam
158	Member	1646	<input type="checkbox"/>	2.052	y, z	0.0	Beam
159	Member	1647	<input type="checkbox"/>	2.052	y, z	0.0	Beam
160	Member	1648	<input type="checkbox"/>	2.052	y, z	0.0	Beam
161	Member	1649	<input type="checkbox"/>	2.052	y, z	0.0	Beam
162	Member	1722	<input type="checkbox"/>	1.698	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
163	Member	1723	<input type="checkbox"/>	1.698	y, z	0.0	Beam
164	Member	1724	<input type="checkbox"/>	1.698	y, z	0.0	Beam
165	Member	1725	<input type="checkbox"/>	1.698	y, z	0.0	Beam
166	Member	1726	<input type="checkbox"/>	1.698	y, z	0.0	Beam
167	Member	1727	<input type="checkbox"/>	1.698	y, z	0.0	Beam
168	Member	1728	<input type="checkbox"/>	1.698	y, z	0.0	Beam
169	Member	1729	<input type="checkbox"/>	1.698	y, z	0.0	Beam
170	Member	1736	<input type="checkbox"/>	2.052	y, z	0.0	Beam
171	Member	1737	<input type="checkbox"/>	2.052	y, z	0.0	Beam
172	Member	1738	<input type="checkbox"/>	2.052	y, z	0.0	Beam
173	Member	1739	<input type="checkbox"/>	2.052	y, z	0.0	Beam
174	Member	1754	<input type="checkbox"/>	2.052	y, z	0.0	Beam
175	Member	1755	<input type="checkbox"/>	2.052	y, z	0.0	Beam
176	Member	1756	<input type="checkbox"/>	2.052	y, z	0.0	Beam
177	Member	1757	<input type="checkbox"/>	2.052	y, z	0.0	Beam
178	Member	1782	<input type="checkbox"/>	2.052	y, z	0.0	Beam
179	Member	1783	<input type="checkbox"/>	2.052	y, z	0.0	Beam
180	Member	1784	<input type="checkbox"/>	2.052	y, z	0.0	Beam
181	Member	1785	<input type="checkbox"/>	2.052	y, z	0.0	Beam
182	Member	1800	<input type="checkbox"/>	2.052	y, z	0.0	Beam
183	Member	1801	<input type="checkbox"/>	2.052	y, z	0.0	Beam
184	Member	1802	<input type="checkbox"/>	2.052	y, z	0.0	Beam
185	Member	1803	<input type="checkbox"/>	2.052	y, z	0.0	Beam
186	Member	1866	<input type="checkbox"/>	2.052	y, z	0.0	Beam
187	Member	1867	<input type="checkbox"/>	2.052	y, z	0.0	Beam
188	Member	1868	<input type="checkbox"/>	2.052	y, z	0.0	Beam
189	Member	1869	<input type="checkbox"/>	2.052	y, z	0.0	Beam
190	Member	1884	<input type="checkbox"/>	2.052	y, z	0.0	Beam
191	Member	1885	<input type="checkbox"/>	2.052	y, z	0.0	Beam
192	Member	1886	<input type="checkbox"/>	2.052	y, z	0.0	Beam
193	Member	1887	<input type="checkbox"/>	2.052	y, z	0.0	Beam
194	Member	1982	<input type="checkbox"/>	1.698	y, z	0.0	Beam
195	Member	1983	<input type="checkbox"/>	1.698	y, z	0.0	Beam
196	Member	1984	<input type="checkbox"/>	1.698	y, z	0.0	Beam
197	Member	1985	<input type="checkbox"/>	1.698	y, z	0.0	Beam
198	Member	1986	<input type="checkbox"/>	1.698	y, z	0.0	Beam
199	Member	1987	<input type="checkbox"/>	1.698	y, z	0.0	Beam
200	Member	1988	<input type="checkbox"/>	1.698	y, z	0.0	Beam
201	Member	1989	<input type="checkbox"/>	1.698	y, z	0.0	Beam
202	Member	1996	<input type="checkbox"/>	2.052	y, z	0.0	Beam
203	Member	1997	<input type="checkbox"/>	2.052	y, z	0.0	Beam
204	Member	1998	<input type="checkbox"/>	2.052	y, z	0.0	Beam
205	Member	1999	<input type="checkbox"/>	2.052	y, z	0.0	Beam
206	Member	2014	<input type="checkbox"/>	2.052	y, z	0.0	Beam
207	Member	2015	<input type="checkbox"/>	2.052	y, z	0.0	Beam
208	Member	2016	<input type="checkbox"/>	2.052	y, z	0.0	Beam
209	Member	2017	<input type="checkbox"/>	2.052	y, z	0.0	Beam
210	Member	2074	<input type="checkbox"/>	1.698	y, z	0.0	Beam
211	Member	2075	<input type="checkbox"/>	1.698	y, z	0.0	Beam
212	Member	2076	<input type="checkbox"/>	1.698	y, z	0.0	Beam
213	Member	2077	<input type="checkbox"/>	1.698	y, z	0.0	Beam
214	Member	2078	<input type="checkbox"/>	1.698	y, z	0.0	Beam
215	Member	2079	<input type="checkbox"/>	1.698	y, z	0.0	Beam
216	Member	2080	<input type="checkbox"/>	1.698	y, z	0.0	Beam
217	Member	2081	<input type="checkbox"/>	1.698	y, z	0.0	Beam
218	Member	2096	<input type="checkbox"/>	2.052	y, z	0.0	Beam
219	Member	2097	<input type="checkbox"/>	2.052	y, z	0.0	Beam
220	Member	2098	<input type="checkbox"/>	2.052	y, z	0.0	Beam
221	Member	2099	<input type="checkbox"/>	2.052	y, z	0.0	Beam
222	Member	2128	<input type="checkbox"/>	2.052	y, z	0.0	Beam
223	Member	2129	<input type="checkbox"/>	2.052	y, z	0.0	Beam
224	Member	2130	<input type="checkbox"/>	2.052	y, z	0.0	Beam
225	Member	2131	<input type="checkbox"/>	2.052	y, z	0.0	Beam
226	Member	2204	<input type="checkbox"/>	1.698	y, z	0.0	Beam
227	Member	2205	<input type="checkbox"/>	1.698	y, z	0.0	Beam
228	Member	2206	<input type="checkbox"/>	1.698	y, z	0.0	Beam
229	Member	2207	<input type="checkbox"/>	1.698	y, z	0.0	Beam
230	Member	2208	<input type="checkbox"/>	1.698	y, z	0.0	Beam
231	Member	2209	<input type="checkbox"/>	1.698	y, z	0.0	Beam
232	Member	2210	<input type="checkbox"/>	1.698	y, z	0.0	Beam
233	Member	2211	<input type="checkbox"/>	1.698	y, z	0.0	Beam
234	Member	2218	<input type="checkbox"/>	2.052	y, z	0.0	Beam
235	Member	2219	<input type="checkbox"/>	2.052	y, z	0.0	Beam
236	Member	2220	<input type="checkbox"/>	2.052	y, z	0.0	Beam
237	Member	2221	<input type="checkbox"/>	2.052	y, z	0.0	Beam
238	Member	2236	<input type="checkbox"/>	2.052	y, z	0.0	Beam
239	Member	2237	<input type="checkbox"/>	2.052	y, z	0.0	Beam
240	Member	2238	<input type="checkbox"/>	2.052	y, z	0.0	Beam
241	Member	2239	<input type="checkbox"/>	2.052	y, z	0.0	Beam
242	Member	2264	<input type="checkbox"/>	2.052	y, z	0.0	Beam
243	Member	2265	<input type="checkbox"/>	2.052	y, z	0.0	Beam
244	Member	2266	<input type="checkbox"/>	2.052	y, z	0.0	Beam
245	Member	2267	<input type="checkbox"/>	2.052	y, z	0.0	Beam
246	Member	2282	<input type="checkbox"/>	2.052	y, z	0.0	Beam
247	Member	2283	<input type="checkbox"/>	2.052	y, z	0.0	Beam
248	Member	2284	<input type="checkbox"/>	2.052	y, z	0.0	Beam
249	Member	2285	<input type="checkbox"/>	2.052	y, z	0.0	Beam
250	Member	2342	<input type="checkbox"/>	2.052	y, z	0.0	Beam
251	Member	2343	<input type="checkbox"/>	2.052	y, z	0.0	Beam
252	Member	2344	<input type="checkbox"/>	2.052	y, z	0.0	Beam
253	Member	2345	<input type="checkbox"/>	2.052	y, z	0.0	Beam
254	Member	2346	<input type="checkbox"/>	2.052	y, z	0.0	Beam
255	Member	2347	<input type="checkbox"/>	2.052	y, z	0.0	Beam
256	Member	2348	<input type="checkbox"/>	2.052	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
257	Member	2349	<input type="checkbox"/>	2.052	y, z	0.0	Beam
258	Member	2388	<input type="checkbox"/>	1.844	y, z	0.0	Beam
259	Member	2389	<input type="checkbox"/>	1.844	y, z	0.0	Beam
260	Member	2390	<input type="checkbox"/>	1.844	y, z	0.0	Beam
261	Member	2391	<input type="checkbox"/>	1.844	y, z	0.0	Beam
262	Member	2392	<input type="checkbox"/>	1.844	y, z	0.0	Beam
263	Member	2393	<input type="checkbox"/>	1.844	y, z	0.0	Beam
264	Member	2394	<input type="checkbox"/>	1.844	y, z	0.0	Beam
265	Member	2395	<input type="checkbox"/>	1.844	y, z	0.0	Beam
266	Member	2402	<input type="checkbox"/>	2.052	y, z	0.0	Beam
267	Member	2403	<input type="checkbox"/>	2.052	y, z	0.0	Beam
268	Member	2404	<input type="checkbox"/>	2.052	y, z	0.0	Beam
269	Member	2405	<input type="checkbox"/>	2.052	y, z	0.0	Beam
270	Member	2420	<input type="checkbox"/>	2.052	y, z	0.0	Beam
271	Member	2421	<input type="checkbox"/>	2.052	y, z	0.0	Beam
272	Member	2422	<input type="checkbox"/>	2.052	y, z	0.0	Beam
273	Member	2423	<input type="checkbox"/>	2.052	y, z	0.0	Beam
274	Member	2480	<input type="checkbox"/>	1.698	y, z	0.0	Beam
275	Member	2481	<input type="checkbox"/>	1.698	y, z	0.0	Beam
276	Member	2482	<input type="checkbox"/>	1.698	y, z	0.0	Beam
277	Member	2483	<input type="checkbox"/>	1.698	y, z	0.0	Beam
278	Member	2484	<input type="checkbox"/>	1.698	y, z	0.0	Beam
279	Member	2485	<input type="checkbox"/>	1.698	y, z	0.0	Beam
280	Member	2486	<input type="checkbox"/>	1.698	y, z	0.0	Beam
281	Member	2487	<input type="checkbox"/>	1.698	y, z	0.0	Beam
282	Member	2578	<input type="checkbox"/>	2.052	y, z	0.0	Beam
283	Member	2579	<input type="checkbox"/>	2.052	y, z	0.0	Beam
284	Member	2580	<input type="checkbox"/>	2.052	y, z	0.0	Beam
285	Member	2581	<input type="checkbox"/>	2.052	y, z	0.0	Beam
286	Member	2610	<input type="checkbox"/>	2.052	y, z	0.0	Beam
287	Member	2611	<input type="checkbox"/>	2.052	y, z	0.0	Beam
288	Member	2612	<input type="checkbox"/>	2.052	y, z	0.0	Beam
289	Member	2613	<input type="checkbox"/>	2.052	y, z	0.0	Beam
290	Member	2686	<input type="checkbox"/>	1.696	y, z	0.0	Beam
291	Member	2687	<input type="checkbox"/>	1.696	y, z	0.0	Beam
292	Member	2688	<input type="checkbox"/>	1.696	y, z	0.0	Beam
293	Member	2689	<input type="checkbox"/>	1.696	y, z	0.0	Beam
294	Member	2690	<input type="checkbox"/>	1.696	y, z	0.0	Beam
295	Member	2691	<input type="checkbox"/>	1.696	y, z	0.0	Beam
296	Member	2692	<input type="checkbox"/>	1.696	y, z	0.0	Beam
297	Member	2693	<input type="checkbox"/>	1.696	y, z	0.0	Beam
298	Member	2700	<input type="checkbox"/>	2.052	y, z	0.0	Beam
299	Member	2701	<input type="checkbox"/>	2.052	y, z	0.0	Beam
300	Member	2702	<input type="checkbox"/>	1.803	y, z	0.0	Beam
301	Member	2703	<input type="checkbox"/>	2.052	y, z	0.0	Beam
302	Member	2718	<input type="checkbox"/>	2.052	y, z	0.0	Beam
303	Member	2719	<input type="checkbox"/>	2.052	y, z	0.0	Beam
304	Member	2720	<input type="checkbox"/>	2.052	y, z	0.0	Beam
305	Member	2721	<input type="checkbox"/>	2.052	y, z	0.0	Beam
306	Member	2824	<input type="checkbox"/>	2.052	y, z	0.0	Beam
307	Member	2825	<input type="checkbox"/>	2.052	y, z	0.0	Beam
308	Member	2826	<input type="checkbox"/>	2.052	y, z	0.0	Beam
309	Member	2827	<input type="checkbox"/>	2.052	y, z	0.0	Beam
310	Member	2828	<input type="checkbox"/>	2.052	y, z	0.0	Beam
311	Member	2829	<input type="checkbox"/>	2.052	y, z	0.0	Beam
312	Member	2830	<input type="checkbox"/>	2.052	y, z	0.0	Beam
313	Member	2831	<input type="checkbox"/>	2.052	y, z	0.0	Beam
314	Member	2884	<input type="checkbox"/>	2.052	y, z	0.0	Beam
315	Member	2885	<input type="checkbox"/>	2.052	y, z	0.0	Beam
316	Member	2886	<input type="checkbox"/>	2.052	y, z	0.0	Beam
317	Member	2887	<input type="checkbox"/>	2.052	y, z	0.0	Beam
318	Member	2902	<input type="checkbox"/>	2.052	y, z	0.0	Beam
319	Member	2903	<input type="checkbox"/>	2.052	y, z	0.0	Beam
320	Member	2904	<input type="checkbox"/>	2.052	y, z	0.0	Beam
321	Member	2905	<input type="checkbox"/>	2.052	y, z	0.0	Beam
322	Member	2962	<input type="checkbox"/>	2.052	y, z	0.0	Beam
323	Member	2963	<input type="checkbox"/>	2.052	y, z	0.0	Beam
324	Member	2964	<input type="checkbox"/>	2.052	y, z	0.0	Beam
325	Member	2965	<input type="checkbox"/>	2.052	y, z	0.0	Beam
326	Member	2966	<input type="checkbox"/>	2.052	y, z	0.0	Beam
327	Member	2967	<input type="checkbox"/>	2.052	y, z	0.0	Beam
328	Member	2968	<input type="checkbox"/>	2.052	y, z	0.0	Beam
329	Member	2969	<input type="checkbox"/>	2.052	y, z	0.0	Beam
330	Member	3084	<input type="checkbox"/>	2.052	y, z	0.0	Beam
331	Member	3085	<input type="checkbox"/>	2.052	y, z	0.0	Beam
332	Member	3086	<input type="checkbox"/>	2.052	y, z	0.0	Beam
333	Member	3087	<input type="checkbox"/>	2.052	y, z	0.0	Beam
334	Member	3088	<input type="checkbox"/>	2.052	y, z	0.0	Beam
335	Member	3089	<input type="checkbox"/>	2.052	y, z	0.0	Beam
336	Member	3090	<input type="checkbox"/>	2.052	y, z	0.0	Beam
337	Member	3091	<input type="checkbox"/>	2.052	y, z	0.0	Beam
338	Member	3202	<input type="checkbox"/>	2.052	y, z	0.0	Beam
339	Member	3203	<input type="checkbox"/>	2.052	y, z	0.0	Beam
340	Member	3204	<input type="checkbox"/>	2.052	y, z	0.0	Beam
341	Member	3205	<input type="checkbox"/>	2.052	y, z	0.0	Beam
342	Member	3234	<input type="checkbox"/>	2.052	y, z	0.0	Beam
343	Member	3235	<input type="checkbox"/>	2.052	y, z	0.0	Beam
344	Member	3236	<input type="checkbox"/>	2.052	y, z	0.0	Beam
345	Member	3237	<input type="checkbox"/>	2.052	y, z	0.0	Beam
346	Member	3310	<input type="checkbox"/>	1.696	y, z	0.0	Beam
347	Member	3311	<input type="checkbox"/>	1.696	y, z	0.0	Beam
348	Member	3312	<input type="checkbox"/>	1.696	y, z	0.0	Beam
349	Member	3313	<input type="checkbox"/>	1.696	y, z	0.0	Beam
350	Member	3314	<input type="checkbox"/>	1.696	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
351	Member	3315	<input type="checkbox"/>	1.696	y, z	0.0	Beam
352	Member	3316	<input type="checkbox"/>	1.696	y, z	0.0	Beam
353	Member	3317	<input type="checkbox"/>	1.696	y, z	0.0	Beam
354	Member	3324	<input type="checkbox"/>	2.052	y, z	0.0	Beam
355	Member	3325	<input type="checkbox"/>	2.052	y, z	0.0	Beam
356	Member	3326	<input type="checkbox"/>	2.052	y, z	0.0	Beam
357	Member	3327	<input type="checkbox"/>	2.052	y, z	0.0	Beam
358	Member	3342	<input type="checkbox"/>	2.052	y, z	0.0	Beam
359	Member	3343	<input type="checkbox"/>	2.052	y, z	0.0	Beam
360	Member	3344	<input type="checkbox"/>	2.052	y, z	0.0	Beam
361	Member	3345	<input type="checkbox"/>	2.052	y, z	0.0	Beam
362	Member	3448	<input type="checkbox"/>	2.052	y, z	0.0	Beam
363	Member	3449	<input type="checkbox"/>	2.052	y, z	0.0	Beam
364	Member	3450	<input type="checkbox"/>	2.052	y, z	0.0	Beam
365	Member	3451	<input type="checkbox"/>	2.052	y, z	0.0	Beam
366	Member	3452	<input type="checkbox"/>	2.052	y, z	0.0	Beam
367	Member	3453	<input type="checkbox"/>	2.052	y, z	0.0	Beam
368	Member	3454	<input type="checkbox"/>	2.052	y, z	0.0	Beam
369	Member	3455	<input type="checkbox"/>	2.052	y, z	0.0	Beam
370	Member	3508	<input type="checkbox"/>	2.052	y, z	0.0	Beam
371	Member	3509	<input type="checkbox"/>	2.052	y, z	0.0	Beam
372	Member	3510	<input type="checkbox"/>	2.052	y, z	0.0	Beam
373	Member	3511	<input type="checkbox"/>	2.052	y, z	0.0	Beam
374	Member	3526	<input type="checkbox"/>	2.052	y, z	0.0	Beam
375	Member	3527	<input type="checkbox"/>	2.052	y, z	0.0	Beam
376	Member	3528	<input type="checkbox"/>	2.052	y, z	0.0	Beam
377	Member	3529	<input type="checkbox"/>	2.052	y, z	0.0	Beam
378	Member	3586	<input type="checkbox"/>	2.052	y, z	0.0	Beam
379	Member	3587	<input type="checkbox"/>	2.052	y, z	0.0	Beam
380	Member	3588	<input type="checkbox"/>	2.052	y, z	0.0	Beam
381	Member	3589	<input type="checkbox"/>	2.052	y, z	0.0	Beam
382	Member	3590	<input type="checkbox"/>	2.052	y, z	0.0	Beam
383	Member	3591	<input type="checkbox"/>	2.052	y, z	0.0	Beam
384	Member	3592	<input type="checkbox"/>	2.052	y, z	0.0	Beam
385	Member	3593	<input type="checkbox"/>	2.052	y, z	0.0	Beam
386	Member	3708	<input type="checkbox"/>	2.052	y, z	0.0	Beam
387	Member	3709	<input type="checkbox"/>	2.052	y, z	0.0	Beam
388	Member	3710	<input type="checkbox"/>	2.052	y, z	0.0	Beam
389	Member	3711	<input type="checkbox"/>	2.052	y, z	0.0	Beam
390	Member	3712	<input type="checkbox"/>	2.052	y, z	0.0	Beam
391	Member	3713	<input type="checkbox"/>	2.052	y, z	0.0	Beam
392	Member	3714	<input type="checkbox"/>	2.052	y, z	0.0	Beam
393	Member	3715	<input type="checkbox"/>	2.052	y, z	0.0	Beam
394	Member	4057	<input type="checkbox"/>	2.052	y, z	0.0	Beam
395	Member	4058	<input type="checkbox"/>	2.052	y, z	0.0	Beam
396	Member	4059	<input type="checkbox"/>	2.052	y, z	0.0	Beam
397	Member	4060	<input type="checkbox"/>	2.052	y, z	0.0	Beam
398	Member	4061	<input type="checkbox"/>	2.052	y, z	0.0	Beam
399	Member	4062	<input type="checkbox"/>	2.052	y, z	0.0	Beam
400	Member	4063	<input type="checkbox"/>	2.052	y, z	0.0	Beam
401	Member	4064	<input type="checkbox"/>	2.052	y, z	0.0	Beam
402	Member	4065	<input type="checkbox"/>	2.052	y, z	0.0	Beam
403	Member	4066	<input type="checkbox"/>	2.052	y, z	0.0	Beam
404	Member	4067	<input type="checkbox"/>	2.052	y, z	0.0	Beam
405	Member	4068	<input type="checkbox"/>	2.052	y, z	0.0	Beam
406	Member	4161	<input type="checkbox"/>	2.052	y, z	0.0	Beam
407	Member	4162	<input type="checkbox"/>	2.052	y, z	0.0	Beam
408	Member	4163	<input type="checkbox"/>	2.052	y, z	0.0	Beam
409	Member	4164	<input type="checkbox"/>	2.052	y, z	0.0	Beam
410	Member	4165	<input type="checkbox"/>	2.052	y, z	0.0	Beam
411	Member	4166	<input type="checkbox"/>	2.052	y, z	0.0	Beam
412	Member	4167	<input type="checkbox"/>	2.052	y, z	0.0	Beam
413	Member	4168	<input type="checkbox"/>	2.052	y, z	0.0	Beam
414	Member	4169	<input type="checkbox"/>	2.052	y, z	0.0	Beam
415	Member	4170	<input type="checkbox"/>	2.052	y, z	0.0	Beam
416	Member	4171	<input type="checkbox"/>	2.052	y, z	0.0	Beam
417	Member	4172	<input type="checkbox"/>	2.052	y, z	0.0	Beam
418	Member	4492	<input type="checkbox"/>	2.052	y, z	0.0	Beam
419	Member	4493	<input type="checkbox"/>	2.052	y, z	0.0	Beam
420	Member	4494	<input type="checkbox"/>	2.052	y, z	0.0	Beam
421	Member	4495	<input type="checkbox"/>	2.052	y, z	0.0	Beam
422	Member	4496	<input type="checkbox"/>	2.052	y, z	0.0	Beam
423	Member	4497	<input type="checkbox"/>	2.052	y, z	0.0	Beam
424	Member	4498	<input type="checkbox"/>	2.052	y, z	0.0	Beam
425	Member	4499	<input type="checkbox"/>	2.052	y, z	0.0	Beam
426	Member	4559	<input type="checkbox"/>	1.705	y, z	0.0	Beam
427	Member	4560	<input type="checkbox"/>	1.705	y, z	0.0	Beam
428	Member	4561	<input type="checkbox"/>	1.705	y, z	0.0	Beam
429	Member	4562	<input type="checkbox"/>	1.705	y, z	0.0	Beam
430	Member	4563	<input type="checkbox"/>	1.705	y, z	0.0	Beam
431	Member	4564	<input type="checkbox"/>	1.705	y, z	0.0	Beam
432	Member	4565	<input type="checkbox"/>	1.705	y, z	0.0	Beam
433	Member	4566	<input type="checkbox"/>	1.705	y, z	0.0	Beam
434	Member	4660	<input type="checkbox"/>	2.052	y, z	0.0	Beam
435	Member	4661	<input type="checkbox"/>	2.052	y, z	0.0	Beam
436	Member	4670	<input type="checkbox"/>	2.052	y, z	0.0	Beam
437	Member	4671	<input type="checkbox"/>	2.052	y, z	0.0	Beam
438	Member	4705	<input type="checkbox"/>	1.698	y, z	0.0	Beam
439	Member	4706	<input type="checkbox"/>	1.698	y, z	0.0	Beam
440	Member	4707	<input type="checkbox"/>	1.698	y, z	0.0	Beam
441	Member	4708	<input type="checkbox"/>	1.698	y, z	0.0	Beam
442	Member	4712	<input type="checkbox"/>	2.052	y, z	0.0	Beam
443	Member	4713	<input type="checkbox"/>	2.052	y, z	0.0	Beam
444	Member	4718	<input type="checkbox"/>	2.052	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
445	Member	4719	<input type="checkbox"/>	2.052	y, z	0.0	Beam
446	Member	4732	<input type="checkbox"/>	2.052	y, z	0.0	Beam
447	Member	4733	<input type="checkbox"/>	2.052	y, z	0.0	Beam
448	Member	4738	<input type="checkbox"/>	2.052	y, z	0.0	Beam
449	Member	4739	<input type="checkbox"/>	2.052	y, z	0.0	Beam
450	Member	4765	<input type="checkbox"/>	2.052	y, z	0.0	Beam
451	Member	4766	<input type="checkbox"/>	2.052	y, z	0.0	Beam
452	Member	4767	<input type="checkbox"/>	2.052	y, z	0.0	Beam
453	Member	4768	<input type="checkbox"/>	2.052	y, z	0.0	Beam
454	Member	4785	<input type="checkbox"/>	1.844	y, z	0.0	Beam
455	Member	4786	<input type="checkbox"/>	1.844	y, z	0.0	Beam
456	Member	4787	<input type="checkbox"/>	1.844	y, z	0.0	Beam
457	Member	4788	<input type="checkbox"/>	1.844	y, z	0.0	Beam
458	Member	4792	<input type="checkbox"/>	2.052	y, z	0.0	Beam
459	Member	4793	<input type="checkbox"/>	2.052	y, z	0.0	Beam
460	Member	4798	<input type="checkbox"/>	2.052	y, z	0.0	Beam
461	Member	4799	<input type="checkbox"/>	2.052	y, z	0.0	Beam
462	Member	4825	<input type="checkbox"/>	1.698	y, z	0.0	Beam
463	Member	4826	<input type="checkbox"/>	1.698	y, z	0.0	Beam
464	Member	4827	<input type="checkbox"/>	1.698	y, z	0.0	Beam
465	Member	4828	<input type="checkbox"/>	1.698	y, z	0.0	Beam
466	Member	5124	<input type="checkbox"/>	2.052	y, z	0.0	Beam
467	Member	5125	<input type="checkbox"/>	2.052	y, z	0.0	Beam
468	Member	5126	<input type="checkbox"/>	1.844	y, z	0.0	Beam
469	Member	5127	<input type="checkbox"/>	1.844	y, z	0.0	Beam
470	Member	5381	<input type="checkbox"/>	1.696	y, z	0.0	Beam
471	Member	5382	<input type="checkbox"/>	1.696	y, z	0.0	Beam
472	Member	5383	<input type="checkbox"/>	1.696	y, z	0.0	Beam
473	Member	5384	<input type="checkbox"/>	1.696	y, z	0.0	Beam
474	Member	5385	<input type="checkbox"/>	1.696	y, z	0.0	Beam
475	Member	5386	<input type="checkbox"/>	1.696	y, z	0.0	Beam
476	Member	5387	<input type="checkbox"/>	1.696	y, z	0.0	Beam
477	Member	5388	<input type="checkbox"/>	1.696	y, z	0.0	Beam
478	Member	5389	<input type="checkbox"/>	1.696	y, z	0.0	Beam
479	Member	5390	<input type="checkbox"/>	1.696	y, z	0.0	Beam
480	Member	5391	<input type="checkbox"/>	1.696	y, z	0.0	Beam
481	Member	5392	<input type="checkbox"/>	1.696	y, z	0.0	Beam
482	Member	5393	<input type="checkbox"/>	1.696	y, z	0.0	Beam
483	Member	5394	<input type="checkbox"/>	1.696	y, z	0.0	Beam
484	Member	5395	<input type="checkbox"/>	1.696	y, z	0.0	Beam
485	Member	5396	<input type="checkbox"/>	1.696	y, z	0.0	Beam
486	Member	5516	<input type="checkbox"/>	1.700	y, z	0.0	Beam
487	Member	5517	<input type="checkbox"/>	1.700	y, z	0.0	Beam
488	Member	5518	<input type="checkbox"/>	1.700	y, z	0.0	Beam
489	Member	5519	<input type="checkbox"/>	1.700	y, z	0.0	Beam
490	Member	5520	<input type="checkbox"/>	1.700	y, z	0.0	Beam
491	Member	5521	<input type="checkbox"/>	1.700	y, z	0.0	Beam
492	Member	5522	<input type="checkbox"/>	1.700	y, z	0.0	Beam
493	Member	5523	<input type="checkbox"/>	1.700	y, z	0.0	Beam
494	Member	5524	<input type="checkbox"/>	1.700	y, z	0.0	Beam
495	Member	5525	<input type="checkbox"/>	1.700	y, z	0.0	Beam
496	Member	5526	<input type="checkbox"/>	1.700	y, z	0.0	Beam
497	Member	5527	<input type="checkbox"/>	1.700	y, z	0.0	Beam
498	Member	5528	<input type="checkbox"/>	1.700	y, z	0.0	Beam
499	Member	5529	<input type="checkbox"/>	1.700	y, z	0.0	Beam
500	Member	5530	<input type="checkbox"/>	1.700	y, z	0.0	Beam
501	Member	5531	<input type="checkbox"/>	1.700	y, z	0.0	Beam
502	Member	5616	<input type="checkbox"/>	1.700	y, z	0.0	Beam
503	Member	5617	<input type="checkbox"/>	1.700	y, z	0.0	Beam
504	Member	5618	<input type="checkbox"/>	1.700	y, z	0.0	Beam
505	Member	5619	<input type="checkbox"/>	1.700	y, z	0.0	Beam
506	Member	5620	<input type="checkbox"/>	1.700	y, z	0.0	Beam
507	Member	5621	<input type="checkbox"/>	1.700	y, z	0.0	Beam
508	Member	5622	<input type="checkbox"/>	1.700	y, z	0.0	Beam
509	Member	5623	<input type="checkbox"/>	1.700	y, z	0.0	Beam
510	Member	5680	<input type="checkbox"/>	1.700	y, z	0.0	Beam
511	Member	5681	<input type="checkbox"/>	1.700	y, z	0.0	Beam
512	Member	5682	<input type="checkbox"/>	1.700	y, z	0.0	Beam
513	Member	5683	<input type="checkbox"/>	1.700	y, z	0.0	Beam
514	Member	5684	<input type="checkbox"/>	1.700	y, z	0.0	Beam
515	Member	5685	<input type="checkbox"/>	1.700	y, z	0.0	Beam
516	Member	5686	<input type="checkbox"/>	1.700	y, z	0.0	Beam
517	Member	5687	<input type="checkbox"/>	1.700	y, z	0.0	Beam
518	Member	5738	<input type="checkbox"/>	1.700	y, z	0.0	Beam
519	Member	5739	<input type="checkbox"/>	1.700	y, z	0.0	Beam
520	Member	5740	<input type="checkbox"/>	1.700	y, z	0.0	Beam
521	Member	5741	<input type="checkbox"/>	1.700	y, z	0.0	Beam
522	Member	5742	<input type="checkbox"/>	1.700	y, z	0.0	Beam
523	Member	5743	<input type="checkbox"/>	1.700	y, z	0.0	Beam
524	Member	5744	<input type="checkbox"/>	1.700	y, z	0.0	Beam
525	Member	5745	<input type="checkbox"/>	1.700	y, z	0.0	Beam
526	Member	5788	<input type="checkbox"/>	1.700	y, z	0.0	Beam
527	Member	5789	<input type="checkbox"/>	1.700	y, z	0.0	Beam
528	Member	5802	<input type="checkbox"/>	1.700	y, z	0.0	Beam
529	Member	5803	<input type="checkbox"/>	1.700	y, z	0.0	Beam
530	Member	5830	<input type="checkbox"/>	1.700	y, z	0.0	Beam
531	Member	5831	<input type="checkbox"/>	1.700	y, z	0.0	Beam
532	Member	5838	<input type="checkbox"/>	1.700	y, z	0.0	Beam
533	Member	5839	<input type="checkbox"/>	1.700	y, z	0.0	Beam
534	Member	5848	<input type="checkbox"/>	1.700	y, z	0.0	Beam
535	Member	5849	<input type="checkbox"/>	1.700	y, z	0.0	Beam
536	Member	5856	<input type="checkbox"/>	1.700	y, z	0.0	Beam
537	Member	5857	<input type="checkbox"/>	1.700	y, z	0.0	Beam
538	Member	5946	<input type="checkbox"/>	1.700	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
539	Member	5947	<input type="checkbox"/>	1.700	y, z	0.0	Beam
540	Member	5948	<input type="checkbox"/>	1.700	y, z	0.0	Beam
541	Member	5949	<input type="checkbox"/>	1.700	y, z	0.0	Beam
542	Member	5950	<input type="checkbox"/>	1.700	y, z	0.0	Beam
543	Member	5951	<input type="checkbox"/>	1.700	y, z	0.0	Beam
544	Member	5952	<input type="checkbox"/>	1.700	y, z	0.0	Beam
545	Member	5953	<input type="checkbox"/>	1.700	y, z	0.0	Beam
546	Member	6024	<input type="checkbox"/>	1.700	y, z	0.0	Beam
547	Member	6025	<input type="checkbox"/>	1.700	y, z	0.0	Beam
548	Member	6038	<input type="checkbox"/>	1.700	y, z	0.0	Beam
549	Member	6039	<input type="checkbox"/>	1.700	y, z	0.0	Beam
550	Member	6066	<input type="checkbox"/>	1.700	y, z	0.0	Beam
551	Member	6067	<input type="checkbox"/>	1.700	y, z	0.0	Beam
552	Member	6074	<input type="checkbox"/>	1.700	y, z	0.0	Beam
553	Member	6075	<input type="checkbox"/>	1.700	y, z	0.0	Beam
554	Member	6084	<input type="checkbox"/>	1.700	y, z	0.0	Beam
555	Member	6085	<input type="checkbox"/>	1.700	y, z	0.0	Beam
556	Member	6092	<input type="checkbox"/>	1.700	y, z	0.0	Beam
557	Member	6093	<input type="checkbox"/>	1.700	y, z	0.0	Beam
558	Member	6180	<input type="checkbox"/>	1.700	y, z	0.0	Beam
559	Member	6181	<input type="checkbox"/>	1.700	y, z	0.0	Beam
560	Member	6182	<input type="checkbox"/>	1.700	y, z	0.0	Beam
561	Member	6183	<input type="checkbox"/>	1.700	y, z	0.0	Beam
562	Member	6184	<input type="checkbox"/>	1.700	y, z	0.0	Beam
563	Member	6185	<input type="checkbox"/>	1.700	y, z	0.0	Beam
564	Member	6186	<input type="checkbox"/>	1.700	y, z	0.0	Beam
565	Member	6187	<input type="checkbox"/>	1.700	y, z	0.0	Beam
566	Member	6305	<input type="checkbox"/>	2.052	y, z	0.0	Beam
567	Member	6306	<input type="checkbox"/>	2.052	y, z	0.0	Beam
568	Member	6307	<input type="checkbox"/>	2.052	y, z	0.0	Beam
569	Member	6308	<input type="checkbox"/>	2.052	y, z	0.0	Beam
570	Member	6309	<input type="checkbox"/>	2.052	y, z	0.0	Beam
571	Member	6310	<input type="checkbox"/>	2.052	y, z	0.0	Beam
572	Member	6311	<input type="checkbox"/>	2.052	y, z	0.0	Beam
573	Member	6312	<input type="checkbox"/>	2.052	y, z	0.0	Beam
574	Member	6313	<input type="checkbox"/>	2.052	y, z	0.0	Beam
575	Member	6314	<input type="checkbox"/>	2.052	y, z	0.0	Beam
576	Member	6315	<input type="checkbox"/>	2.052	y, z	0.0	Beam
577	Member	6316	<input type="checkbox"/>	2.052	y, z	0.0	Beam
578	Member	6384	<input type="checkbox"/>	1.700	y, z	0.0	Beam
579	Member	6385	<input type="checkbox"/>	1.700	y, z	0.0	Beam
580	Member	6386	<input type="checkbox"/>	1.700	y, z	0.0	Beam
581	Member	6387	<input type="checkbox"/>	1.700	y, z	0.0	Beam
582	Member	6388	<input type="checkbox"/>	1.700	y, z	0.0	Beam
583	Member	6389	<input type="checkbox"/>	1.700	y, z	0.0	Beam
584	Member	6390	<input type="checkbox"/>	1.700	y, z	0.0	Beam
585	Member	6391	<input type="checkbox"/>	1.700	y, z	0.0	Beam
586	Member	6400	<input type="checkbox"/>	1.700	y, z	0.0	Beam
587	Member	6401	<input type="checkbox"/>	1.700	y, z	0.0	Beam
588	Member	6402	<input type="checkbox"/>	1.700	y, z	0.0	Beam
589	Member	6403	<input type="checkbox"/>	0.293	y, z	0.0	Beam
590	Member	6461	<input type="checkbox"/>	2.052	y, z	0.0	Beam
591	Member	6462	<input type="checkbox"/>	2.052	y, z	0.0	Beam
592	Member	6463	<input type="checkbox"/>	2.052	y, z	0.0	Beam
593	Member	6464	<input type="checkbox"/>	2.052	y, z	0.0	Beam
594	Member	6465	<input type="checkbox"/>	2.052	y, z	0.0	Beam
595	Member	6466	<input type="checkbox"/>	2.052	y, z	0.0	Beam
596	Member	6467	<input type="checkbox"/>	2.052	y, z	0.0	Beam
597	Member	6468	<input type="checkbox"/>	2.052	y, z	0.0	Beam
598	Member	6469	<input type="checkbox"/>	2.052	y, z	0.0	Beam
599	Member	6470	<input type="checkbox"/>	2.052	y, z	0.0	Beam
600	Member	6471	<input type="checkbox"/>	2.052	y, z	0.0	Beam
601	Member	6472	<input type="checkbox"/>	2.052	y, z	0.0	Beam
602	Member	6540	<input type="checkbox"/>	1.700	y, z	0.0	Beam
603	Member	6541	<input type="checkbox"/>	1.700	y, z	0.0	Beam
604	Member	6542	<input type="checkbox"/>	1.700	y, z	0.0	Beam
605	Member	6543	<input type="checkbox"/>	1.700	y, z	0.0	Beam
606	Member	6544	<input type="checkbox"/>	1.700	y, z	0.0	Beam
607	Member	6545	<input type="checkbox"/>	1.700	y, z	0.0	Beam
608	Member	6546	<input type="checkbox"/>	1.700	y, z	0.0	Beam
609	Member	6547	<input type="checkbox"/>	1.700	y, z	0.0	Beam
610	Member	6556	<input type="checkbox"/>	1.700	y, z	0.0	Beam
611	Member	6557	<input type="checkbox"/>	1.700	y, z	0.0	Beam
612	Member	6558	<input type="checkbox"/>	1.700	y, z	0.0	Beam
613	Member	6559	<input type="checkbox"/>	1.700	y, z	0.0	Beam
614	Member	6599	<input type="checkbox"/>	0.852	y, z	0.0	Beam
615	Member	6600	<input type="checkbox"/>	0.852	y, z	0.0	Beam
616	Member	6601	<input type="checkbox"/>	0.852	y, z	0.0	Beam
617	Member	6602	<input type="checkbox"/>	0.852	y, z	0.0	Beam
618	Member	7093	<input type="checkbox"/>	2.052	y, z	0.0	Beam
619	Member	7822	<input type="checkbox"/>	2.052	y, z	0.0	Beam
620	Member	7857	<input type="checkbox"/>	2.052	y, z	0.0	Beam
621	Member	8447	<input type="checkbox"/>	2.052	y, z	0.0	Beam
622	Member	8556	<input type="checkbox"/>	2.052	y, z	0.0	Beam
623	Member	8559	<input type="checkbox"/>	2.052	y, z	0.0	Beam
624	Member	8562	<input type="checkbox"/>	2.052	y, z	0.0	Beam
625	Member	8563	<input type="checkbox"/>	2.052	y, z	0.0	Beam
626	Member	8590	<input type="checkbox"/>	2.052	y, z	0.0	Beam
627	Member	8591	<input type="checkbox"/>	2.052	y, z	0.0	Beam
628	Member	8592	<input type="checkbox"/>	2.052	y, z	0.0	Beam
629	Member	8593	<input type="checkbox"/>	2.052	y, z	0.0	Beam
630	Member	8615	<input type="checkbox"/>	2.052	y, z	0.0	Beam
631	Member	8619	<input type="checkbox"/>	2.052	y, z	0.0	Beam
632	Member	8620	<input type="checkbox"/>	2.052	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
633	Member	8627	<input type="checkbox"/>	2.052	y, z	0.0	Beam
634	Member	8651	<input type="checkbox"/>	1.700	y, z	0.0	Beam
635	Member	8652	<input type="checkbox"/>	1.700	y, z	0.0	Beam
636	Member	8653	<input type="checkbox"/>	1.700	y, z	0.0	Beam
637	Member	8654	<input type="checkbox"/>	1.700	y, z	0.0	Beam
638	Member	8676	<input type="checkbox"/>	1.700	y, z	0.0	Beam
639	Member	8677	<input type="checkbox"/>	1.700	y, z	0.0	Beam
640	Member	8678	<input type="checkbox"/>	1.700	y, z	0.0	Beam
641	Member	8679	<input type="checkbox"/>	1.700	y, z	0.0	Beam
642	Member	8696	<input type="checkbox"/>	1.700	y, z	0.0	Beam
643	Member	8697	<input type="checkbox"/>	1.700	y, z	0.0	Beam
644	Member	8698	<input type="checkbox"/>	1.700	y, z	0.0	Beam
645	Member	8699	<input type="checkbox"/>	1.700	y, z	0.0	Beam
646	Member	8721	<input type="checkbox"/>	1.700	y, z	0.0	Beam
647	Member	8722	<input type="checkbox"/>	1.700	y, z	0.0	Beam
648	Member	8723	<input type="checkbox"/>	1.700	y, z	0.0	Beam
649	Member	8724	<input type="checkbox"/>	1.700	y, z	0.0	Beam
650	Member	9089	<input type="checkbox"/>	1.407	y, z	0.0	Beam
651	Member	10014	<input type="checkbox"/>	0.122	y, z	0.0	Beam
652	Member	10019	<input type="checkbox"/>	0.122	y, z	0.0	Beam
653	Member	10427	<input type="checkbox"/>	3.312	y, z	0.0	Beam
654	Member	10428	<input type="checkbox"/>	3.312	y, z	0.0	Beam
655	Member	10429	<input type="checkbox"/>	3.312	y, z	0.0	Beam
656	Member	10430	<input type="checkbox"/>	3.312	y, z	0.0	Beam
657	Member	10431	<input type="checkbox"/>	3.312	y, z	0.0	Beam
658	Member	10432	<input type="checkbox"/>	3.312	y, z	0.0	Beam
659	Member	10433	<input type="checkbox"/>	3.312	y, z	0.0	Beam
660	Member	10434	<input type="checkbox"/>	3.312	y, z	0.0	Beam
661	Member	10435	<input type="checkbox"/>	3.312	y, z	0.0	Beam
662	Member	10436	<input type="checkbox"/>	3.312	y, z	0.0	Beam
663	Member	10437	<input type="checkbox"/>	3.312	y, z	0.0	Beam
664	Member	10438	<input type="checkbox"/>	3.312	y, z	0.0	Beam
665	Member	10439	<input type="checkbox"/>	3.312	y, z	0.0	Beam
666	Member	10440	<input type="checkbox"/>	2.500	y, z	0.0	Beam
667	Member	10441	<input type="checkbox"/>	2.500	y, z	0.0	Beam
668	Member	10442	<input type="checkbox"/>	2.500	y, z	0.0	Beam
669	Member	10443	<input type="checkbox"/>	2.500	y, z	0.0	Beam
670	Member	10444	<input type="checkbox"/>	3.312	y, z	0.0	Beam
671	Member	10445	<input type="checkbox"/>	3.312	y, z	0.0	Beam
672	Member	10446	<input type="checkbox"/>	3.312	y, z	0.0	Beam
673	Member	10447	<input type="checkbox"/>	3.312	y, z	0.0	Beam
674	Member	10448	<input type="checkbox"/>	3.312	y, z	0.0	Beam
675	Member	10449	<input type="checkbox"/>	3.312	y, z	0.0	Beam
676	Member	10450	<input type="checkbox"/>	3.312	y, z	0.0	Beam
677	Member	10451	<input type="checkbox"/>	3.312	y, z	0.0	Beam
678	Member	10452	<input type="checkbox"/>	3.312	y, z	0.0	Beam
679	Member	10453	<input type="checkbox"/>	3.312	y, z	0.0	Beam
680	Member	10454	<input type="checkbox"/>	3.312	y, z	0.0	Beam
681	Member	10455	<input type="checkbox"/>	3.312	y, z	0.0	Beam
682	Member	10456	<input type="checkbox"/>	3.312	y, z	0.0	Beam
683	Member	10457	<input type="checkbox"/>	3.312	y, z	0.0	Beam
684	Member	10458	<input type="checkbox"/>	3.312	y, z	0.0	Beam
685	Member	10459	<input type="checkbox"/>	2.500	y, z	0.0	Beam
686	Member	10598	<input type="checkbox"/>	2.500	y, z	0.0	Beam
687	Member	10600	<input type="checkbox"/>	2.500	y, z	0.0	Beam
688	Member	10608	<input type="checkbox"/>	2.500	y, z	0.0	Beam
689	Member	10610	<input type="checkbox"/>	3.312	y, z	0.0	Beam
690	Member	10611	<input type="checkbox"/>	3.312	y, z	0.0	Beam
691	Member	10699	<input type="checkbox"/>	0.164	y, z	0.0	Beam
692	Member	10713	<input type="checkbox"/>	0.164	y, z	0.0	Beam
693	Member	10814	<input type="checkbox"/>	2.777	y, z	0.0	Beam
694	Member	10815	<input type="checkbox"/>	2.777	y, z	0.0	Beam
695	Member	10816	<input type="checkbox"/>	2.777	y, z	0.0	Beam
696	Member	10817	<input type="checkbox"/>	1.729	y, z	0.0	Beam
697	Member	10818	<input type="checkbox"/>	2.777	y, z	0.0	Beam
698	Member	10819	<input type="checkbox"/>	2.777	y, z	0.0	Beam
699	Member	10820	<input type="checkbox"/>	2.777	y, z	0.0	Beam
700	Member	10821	<input type="checkbox"/>	1.729	y, z	0.0	Beam
701	Member	10823	<input type="checkbox"/>	2.961	y, z	0.0	Beam
702	Member	10824	<input type="checkbox"/>	2.500	y, z	0.0	Beam
703	Member	10825	<input type="checkbox"/>	2.961	y, z	0.0	Beam
704	Member	10826	<input type="checkbox"/>	2.500	y, z	0.0	Beam
705	Member	10827	<input type="checkbox"/>	2.011	y, z	0.0	Beam
706	Member	10828	<input type="checkbox"/>	2.011	y, z	0.0	Beam
707	Member	10829	<input type="checkbox"/>	2.961	y, z	0.0	Beam
708	Member	10830	<input type="checkbox"/>	2.961	y, z	0.0	Beam
709	Member	10831	<input type="checkbox"/>	2.961	y, z	0.0	Beam
710	Member	10832	<input type="checkbox"/>	2.961	y, z	0.0	Beam
711	Member	10857	<input type="checkbox"/>	0.164	y, z	0.0	Beam
712	Member	10858	<input type="checkbox"/>	0.164	y, z	0.0	Beam
713	Member	10859	<input type="checkbox"/>	0.122	y, z	0.0	Beam
714	Member	10860	<input type="checkbox"/>	0.122	y, z	0.0	Beam

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
57	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
58	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
59	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
60	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.052	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	61	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	62	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.231		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.821		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
2.052		RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
2.052		RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
63	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	64 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.052	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
65 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
66 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
67	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
68	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
71	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.383	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
72	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.844	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	1.844	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.844	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.844	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.922	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.461	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.383	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.383	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.383	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
185	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
186	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
187	0.821	RC2	0.06	≤ 1	SE406)	z-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
188	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
189	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.916	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.832	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.832	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.832	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.832	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.832	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.832	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.916	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.458	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.458	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.458	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	190	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
191	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.916	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.832	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.832	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.832	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.832	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.832	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.832	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.916	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.458	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.458	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.458	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
192	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
193	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.513	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.513	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.513	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.513	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.256	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.256	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.256	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.256	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.256	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.256	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
194	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.832	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.374	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.374	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.832	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.374	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.832	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.832	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.832	RC1	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.832	RC1	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.916	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.916	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.916	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.916	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
195	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.832	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.832	RC1	0.03	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.832	RC1	0.03	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.832	RC1	0.03	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.832	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.916	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.374	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
1.374	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.374	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
196	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.832	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.832	RC9	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.832	RC1	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.832	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.916	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.916	RC2	0.06	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.916	RC3	0.02	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.916	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
262	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.110	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.220	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC1	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC1	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.110	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.110	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
305	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC9	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
306	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
307	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
308	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
309	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
310	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
312	0.410	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1	
	0.000	RC9	0.26	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
313	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
314	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
315	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
316	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	373	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
2.052		RC9	0.00	≤ 1	CS100)	Negligible internal forces
2.052		RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.641		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.641		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
374	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
375	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
376	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
377	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
378	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
379	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
380	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
381	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
382	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
383	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
384	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
457	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
458	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
459	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
460	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	461	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
462	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
463	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
464	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
465	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
466	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
467	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
525	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.46	≤ 1	ST364)	to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	526 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
527 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
528 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
530	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
531	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
532	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
533	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
534	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
535	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
536	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
661	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
662	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
663	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
664	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
665	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
666	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
667	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
668	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
669	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
670	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
671	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
672	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
673	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.00	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
674	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
675	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
676	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.821	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.052	RC9	0.10	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC9	0.10	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.13	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
820	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100) Negligible internal forces	
	1.705	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.279	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.852	RC9	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.705	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.17	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.852	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.852	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.852	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	821	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		1.705	RC1	0.00	≤ 1	CS100) Negligible internal forces
1.705		RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.852		RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.852		RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.852		RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.426		RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.15	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.852		RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.279		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.279		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.279		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
822		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	823	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
824	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
825	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
826	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
827	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
828	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.852	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
829	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	832	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.705		RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.852		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.705		RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.852		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.705		RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.279		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.852		RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.426		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000		RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000		RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.279		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.279		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
833	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.852	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.705	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.705	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	834 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.852	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
835 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.852	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1098 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1099	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1100	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1101	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
2.052		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.410		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.641		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1188	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1189	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1190	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1191	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1196	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1197	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1198	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.849	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1199	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1244	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.705	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.279	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.705	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1245	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.279	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1246	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.705	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.279	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.705	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1247	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.279	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1248	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.705	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.705	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
1.705	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
1.705	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1249	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1250	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.705	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.705	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.705	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.705	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1251	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1320	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1321	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1322	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1323	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1410	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1411	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1412	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1413	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1418	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1419	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.698	RC9	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.698	RC9	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.273	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.273	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1420	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.07	≤ 1	ST312)	and 6.3.1.2(4) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1421	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.698	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1466	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.705	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.705	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1467	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.705	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.852	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.852	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1469	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.426	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.852	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1470	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.705	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.426	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.705	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1471	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1472	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.852	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.852	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.852	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
1473	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.426	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.852	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.426	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1567	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.220	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.220	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.110	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.110	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.110	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.110	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.110	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.110	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1574	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.220	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC1	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC1	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.110	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.110	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.110	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.110	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.110	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1575	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.220	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1576	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.879	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.319	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.319	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.319	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.319	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.319	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.879	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.319	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.319	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.319	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.879	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.879	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.879	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.879	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.879	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.879	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1577	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.220	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.220	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1578	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.220	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.220	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1614	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1615	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1616	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1617	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1646	0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1647	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1648	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1649	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1722	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1723	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.698	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1724	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1725	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.849	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1726	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1727	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.698	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.273	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.21	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.07	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1728	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.273	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.698	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1729	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.273	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.698	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.273	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.20	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.07	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1736	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1737	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1739	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1754	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1755	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1756	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1757	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1782	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1783	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1784	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.052	RC9	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC9	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1785	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1800	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1801	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1802	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1803	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1866	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1867	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1868 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
		2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052		RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.641		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.410		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1869 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
		2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1884 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.821		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1885	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1886	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1887	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1982	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1983	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1984	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1985	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.273	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1986	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1987	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1988	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1989	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.849	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1996	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1997	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1998	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1999	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
2.052		RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.641		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2.052		RC9	0.21	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
2.052		RC9	0.21	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
0.000		RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2014	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2015	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2016	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2017	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2074	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2075	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.849	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2076	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.698	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.698	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	2 Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2077	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.849	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2078	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2079	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2080 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
1.273	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
1.273	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2081 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
1.698	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.424	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.424	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.698	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2096 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2097	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2098	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2099	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2128	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2129	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2130	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2131	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2204	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.273	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2205	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.273	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2206	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.273	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2207	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.698		RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.273		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.16	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.849		RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.273		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC1	0.16	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.424		RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.849		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.424		RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.849		RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.849		RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.849		RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.424		RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.424		RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.424		RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
2208	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.698	RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.849	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.17	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.849	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2209	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.10	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.01	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.23	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.849	RC3	0.08	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.849	RC4	0.05	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2210	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.698	RC9	0.00	≤ 1	CS100) Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.17	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.849	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.849	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2211	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.698	RC1	0.00	≤ 1	CS100) Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.698	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.23	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.08	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.849	RC4	0.05	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2218	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2219	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2220	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2221	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2236	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2237	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2238	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2239	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2264 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2265 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2266 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2267	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2282	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2283	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2284	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2285	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2342	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2343	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2344	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2345	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2346	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2347	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2348	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC9	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2349	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2388	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2389	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.922	RC1	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2390	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.461	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.461	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.461	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2391	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.461	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2392	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.922	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2393	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.844	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.383	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.383	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.383	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2394	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.461	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.922	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2395	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.383	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.844	RC1	0.04	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.383	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2402	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2403	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2404	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2405	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
0.000	RC1	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2420	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2421	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2422 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2423 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2480 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.849	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.849	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.849	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2481	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.698	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.698	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.849	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.849	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2482	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.698	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
1.698	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
1.698	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.849	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.849	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.849	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2483	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.698	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.849	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2484	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2485	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.849	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2486	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC9	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2487	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2578	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2579	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2580	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2581	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2610	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	

Project:

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2611	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2612	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2613	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2686	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2687	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2688	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2689	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2690	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2691	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.08	≤ 1	ST312)	and 6.3.1.2 Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2692	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2693	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2700	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2701 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2702 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
1.803	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.803	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.803	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.803	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.803	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.803	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.901	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.901	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.901	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.451	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.451	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.451	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2703 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
2718	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2719	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2720	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2721	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2824	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2825	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2826	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2827	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2828	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2829	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2884	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2885	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2886	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2887	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2902	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2903	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2904	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2905	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2962	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2963	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2964	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
2965	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2966	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2967	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2968	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2969	1.231	RC2	0.01	≤ 1	SE406)	z-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3084	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3085	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3089	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3090	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3091	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3202	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3203	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3204	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3205	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3234	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3235	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3236	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3237	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3310	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3312	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3313	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.696	RC9	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.696	RC9	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3314	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.696	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3315	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3316	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3317 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.848	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	1.696	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.696	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.696	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.696	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3324 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3325 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2					
	3326 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3327 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3342 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3343	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3344	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3345	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3448	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3449	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3450	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3451 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3452 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3453 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3509 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.052	RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3510 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3511 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3526	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3527	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3528	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3586	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3587 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3588 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3589 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3590	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
2.052		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.231		RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
2.052		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.821		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3591	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3592	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3593 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3708 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3709 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.410	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3710	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3711	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3712	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3713	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3714	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
2.052		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.821		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.052		RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.231		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
2.052		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.641		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3715	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4057	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4058	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4059	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.052	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4060	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
2.052		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.231		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.231		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.821		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.410		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
2.052		RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4061		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.052	RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
4062	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.26	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4063	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4064	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC9	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4065	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.06	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4066	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4067	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
4068	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC1	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4161	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
0.000		RC1	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
2.052		RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
1.231		RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.231		RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.052		RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.641		RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
1.231		RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410		RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
1.231		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.821		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.821		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4162		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.18	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						y-direction
4163	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4164	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4165	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4166	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4167	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4168	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4169	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4170	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4171	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
2.052		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.231		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.231		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.821		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.821		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.821		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4172	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4492	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4493	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4494	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4495	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4496	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4497	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4498	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4499	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
2.052		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.821		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.052		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.231		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.821		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
2.052		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.231		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4559	1.231	RC2	0.01	≤ 1	SE406)	z-direction	
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4560	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.852	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4561	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.852	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4562	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.705	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4563	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4564	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4565	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.705	RC1	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4566	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.705	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.852	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.705	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4660	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4661	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4670	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4671	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.20	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.07	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4705	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.698	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.698	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4706	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.424	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4707	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4708	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.698	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.698	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.24	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.08	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.05	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4712	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4713	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4718	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC1	0.07	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.821	RC1	0.02	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4719	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4732	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
4733	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.05	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.04	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4739	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC1	0.07	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC1	0.07	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.19	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4765	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4766	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4767	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
2.052		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821		RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821		RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.231		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.231		RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052		RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231		RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
4768	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4785	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.461	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.461	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.461	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4786	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.922	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.461	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4787	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.844	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.844	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.383	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4788	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.844		RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.922		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.844		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.922		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.844		RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.383		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.922		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.844		RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.383		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.922		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.922	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4792	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4793	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.10	≤ 1	ST302)	to 6.2.10 and 6.2.9 Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.410	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4798	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4799	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4825	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4826	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.849	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4827	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4828	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.698	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.849	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.698	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.273	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.849	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.273	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5124	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5125	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC1	0.20	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC1	0.20	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5126	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.844	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.922	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.922	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.922	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.922	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.844	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.922	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5127 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.844	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.461	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.844	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.461	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.844	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.383	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.922	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.844	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.383	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC1	0.26	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC1	0.26	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.383	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.383	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.383	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5381 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.696	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.848	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
1.696	RC9	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
1.696	RC9	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5382 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.696	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.848	RC1	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5383	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5384	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.696	RC9	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.696	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5385	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.696	RC9	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.272	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.272	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5386	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5387	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5388	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5389	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.848	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.848	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5390	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5391	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5392	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5393	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.696	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.696	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5394	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.696	RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.696		RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.848		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.848		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.848		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.696		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.272		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.848		RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.848		RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.848		RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5395		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.696	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.848	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.848	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.848	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5396	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.696	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.696	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.696	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5516	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5517	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5518	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.700	RC9	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.700	RC9	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5519	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.700	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.700	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.700	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.700	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5520	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5521	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.425	RC1	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5522	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5523	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5524	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5525	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5526	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5527	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.700	RC9	0.01	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5528	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5530	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5531	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5616	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.425	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.425	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5617	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.700	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.700	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.700	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.700	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5619	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5620	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5621	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5622	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5623	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
5680	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5681	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5682	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.275	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5683	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5684	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5685	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
5686	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5687	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5739 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5740 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.425	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5741 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
5742	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5743	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5744	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5745	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5788	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	5789	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5802	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5803	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.700	RC9	0.02	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5838	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.700	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5839	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5848	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5849 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5856 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5857 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
5946	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.10 and 6.2.9	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
		1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.425	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5947	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5948	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.425	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5949	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5950	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5951	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5952 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5953 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6024 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6025 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6038 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6039 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.850	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6066 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6067	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6074	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6075	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6084	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6085	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
6092	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6093	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6180	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.698	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.132	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC9	0.02	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.132	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.566	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.566	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.566	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.132	RC2	0.06	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.132	RC3	0.04	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6181	1.132	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.566	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.566	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.566	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.002	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.568	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.568	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.134	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.568	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.134	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.002	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.134	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.134	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.134	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.134	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.134	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.134	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6182	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6183	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
6184	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6185	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6186	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
6187	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.850	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6305 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.052	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6306 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.052	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC9	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
2.052	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
6307	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6308	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	6309	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.231		RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000		RC9	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
2.052		RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6310		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.410	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.410	RC9	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6312	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6313	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6314	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6315	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6316	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6384	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6385	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6386	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
6387	1.275	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100	Negligible internal forces	
	1.700	RC9	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
6388	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6389	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.850		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.850		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.425		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6390		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6391	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
6400	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6401	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.700		RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.850		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.850		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.425		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.275		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.275		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6402		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC9	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6403	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.293	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.293	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.293	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.293	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.147	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.147	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.147	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6461	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6462	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6463	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6464	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6465	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6466	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC1	0.02	≤ 1	CS181)	6.2.8 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6467	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6469	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6470	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6471	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6472	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6540	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6541	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6542	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.425	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6543	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.425	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6544	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.425	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6545	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6546	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.700		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.850		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.700		RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.425		RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.850		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.700		RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.275	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6547	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.425	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6556	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6557	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
6558	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100) Negligible internal forces	
	1.700	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC9	0.08	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.425	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC9	0.08	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.275	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6559	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC1	0.00	≤ 1	CS100) Negligible internal forces	
	1.700	RC9	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.850	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.425	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.850	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.850	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.700	RC9	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.275	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.26	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6599	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.426	RC1	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.852		RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.852		RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.852		RC1	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.852		RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.426		RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.852		RC9	0.05	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.426		RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.426		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.426		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.426		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
6600	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.852	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.852	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.426	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6601	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.852	RC9	0.05	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.426	RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.852	RC1	0.03	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.852	RC1	0.03	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.852	RC9	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6602	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.426	RC9	0.00	≤ 1	CS100) Negligible internal forces
	0.852	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.852	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.852	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.426	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.426	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
7093	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC1	0.02	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
7822	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
7857	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8447	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.231	RC1	0.02	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8556	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8559	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8562	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8563	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8590	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8591	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.052	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
8592	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC1	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8593	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC9	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.410	RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8615	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.231	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.821	RC9	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8619	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	2.052	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	2.052	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC9	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC9	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.641	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8620	1.231	RC9	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.052	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.052	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.231	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.231	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.231	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8627	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.821	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.231	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8651	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
8652	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8653	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8654	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8676	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8677	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8678	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8679	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8696	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.425	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8697	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8698	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.700		RC9	0.00	≤ 1	CS100)	Negligible internal forces
1.700		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.850		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.700		RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.850		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.700		RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.275		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.850		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.700		RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.275		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8699	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8721	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.850	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8722	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8723	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8724	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.850	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.700	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.275	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
9089	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.407	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.407	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.407	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.407	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.938	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.407	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.938	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.938	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.938	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.938	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.938	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.938	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10019	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.122	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.122	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.061	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.22	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.23	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.122	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.122	RC9	0.37	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.122	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.122	RC9	0.42	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.122	RC9	0.90	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10427	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.893	RC9	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	10428	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.419	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
10429	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
10430	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.10 and 6.2.9	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Negligible deformations	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10431 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
		3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	10432 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
		3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.473	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.946	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10433 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
		3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		3.312	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.419	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		3.312	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		1.419	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.312	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.893	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.419	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.419	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.419	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10434	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.893	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.893	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10435	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.893	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10436	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.312	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.473	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10437	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.839	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
3.312	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.419	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
3.312	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.419	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10438	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.893	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10439	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10440	0.946	RC2	0.00	≤ 1	SE406)	z-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.500	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.417	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10441	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.500	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.083	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.417	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.417	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.250	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.667	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.667	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10442	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.500	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.083	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.417	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.500	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.083	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10443	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.500	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.500	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.500	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.500	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10444	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
3.312		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.419		RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
3.312		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.419		RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
3.312		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.366		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.893		RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
3.312		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.893		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.419		RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.419		RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.419		RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
2.366		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.893		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.419		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10445		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.419	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.419	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.419	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10446	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.366	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10447	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10448	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.419	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10449	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10450	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.893	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.419	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10451	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.473	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10452	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.366	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.366	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.839	RC9	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3.312	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Negligible deformations
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10453	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.946	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.366	RC9	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Negligible deformations
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.419	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.419	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10454	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.366	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	1.419	RC2	0.17	≤ 1	SE401)	Serviceability - Negligible deformations
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	2.366	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10455	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.312	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.473	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.419	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.312	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.10 and 6.2.9	
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Negligible deformations	
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10456 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		3.312	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.839	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	3.312	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.473	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.312	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
10457 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
	3.312	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.312	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	3.312	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	3.312	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.312	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.839	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	3.312	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10458 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
	3.312	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.312	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.366	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.473	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	3.312	RC9	0.22	≤ 1	ST364)	to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10459	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
2.500		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.250		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.250		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.417		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.250		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.250		RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.250		RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.833		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.833		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.833		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10598	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	2.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.500	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.500	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.083	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.500	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.417	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.500	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.417	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
2.083	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
2.083	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
2.083	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10600	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.500	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.500	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.083	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.500	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.417	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.500	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.083	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.250	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	10608	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.500	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2.500	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.500	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.500	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.500	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	2.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
10610	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	3.312	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.419	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.419	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.839	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.419	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.312	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.893	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.893	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
10611	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.312	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.893	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.893	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.893	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.946	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	3.312	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10699	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.164	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.082	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.082	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.164	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.164	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.22	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.44	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10713	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.164	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.164	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.164	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.164	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.164	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.164	RC9	0.22	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.18	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial f

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.164	RC9	0.40	≤ 1	CS271)	force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.082	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10814	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.777	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.777	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.388	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.777	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.388	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.777	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.388	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.777	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.388	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.851	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.851	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.851	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10815	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.777	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.388	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.777	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.388	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.777	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.388	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.777	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.388	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.851	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.851	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10816	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.777	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.388	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.777	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.388	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.777	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.388	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.777	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.388	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10817 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
1.729	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.865	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.729	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.865	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.729	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.297	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.865	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.729	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.297	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.865	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.865	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.865	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.297	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.297	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.297	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10818 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
2.777	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.777	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.388	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.388	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.777	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.388	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.777	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.388	RC2	0.12	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.926	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10819 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
2.777	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.777	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.388	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.388	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.463	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
2.777	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.851	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.777	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.388	RC2	0.12	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10820	1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.777	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.388	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.388	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.388	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.777	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.388	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2.777	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.851	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.851	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.851	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10821	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.729	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.865	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.729	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.865	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.729	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.865	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.432	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.865	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.865	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.865	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.865	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.865	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.865	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10823	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.961	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.961	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.480	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.961	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.480	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.480	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.961	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.480	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
10824	1.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	2.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.500	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.083	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.083	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.667	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.250	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10825	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	2.961	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.480	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.480	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10826	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		2.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.500		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.500		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.083		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.250		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
2.500		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
2.083		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.250		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.250		RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.250		RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.250		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.833		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.833		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10827		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
		2.011	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		2.011	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.805	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.011	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.805	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.011	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.609	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.805	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.011	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.609	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.805	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.805	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.805	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.207	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.207	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.207	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10828	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.011	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.805	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.011	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.805	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.011	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.609	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.207	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.805	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.805	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.805	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.609	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.609	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.207	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10829	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.961	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.480	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.987	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.480	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.987	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.987	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.987	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10830	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.961	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Model: Oikia Paidwn_phase 2_R10

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	1.480	RC1	0.03	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.987	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.480	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.961	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.987	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.987	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.987	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10831	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.961	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.961	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.480	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.961	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.467	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.480	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.961	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.987	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.974	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.974	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.974	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10832	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.961	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.480	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.961	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.480	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.961	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.974	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.480	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.961	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.974	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.974	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.974	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10857	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.164	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.082	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.164	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.20	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10858	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.164	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.164	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.164	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.082	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.082	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.18	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10860	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.122	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.122	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.20	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.20	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.122	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.061	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.061	RC9	0.07	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.122	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.122	RC9	0.33	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.122	RC9	0.80	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.67	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R10

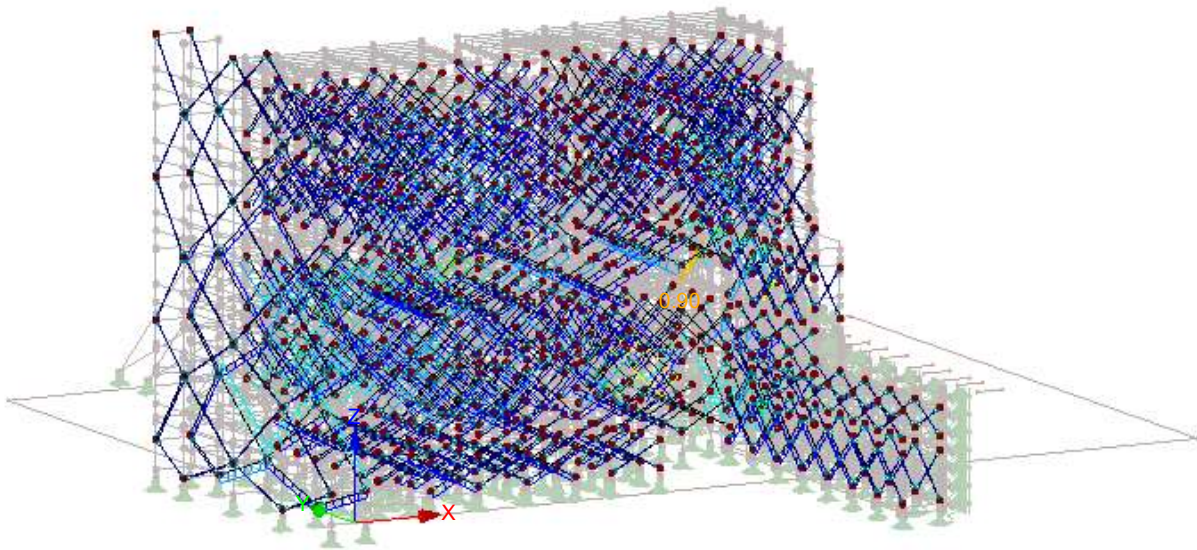
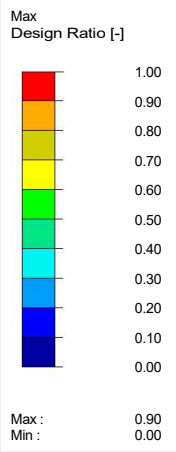
Date: 4/10/2023

DESIGN RATIO

RF-STEEL EC3 CA3

Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric



Max Design Ratio: 0.90

RF-STEEL EC3
CA4
Antirides

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.1 GENERAL DATA

Members to design:	1192-1195,1210,1211,1222,1264,1265,1267,1278,1279,1300,1402,1403,1405-1408,1475-1477,1486-1489,3965,3988,3989,4012,6686,6741,7042,7050,7052,7054,7057,7059,7060,7160,7171,7182,7193,7204,7215,7226,7237,7248,7259,7270,7274-7276,7582,7583,7818,7819,7849,7895,7934,7973,7985,8360,8390,8423,8526,8727,8728,8731,8734-8744,8748,8749,8756-8771,8774,8777-8787,8791,8792,8799-8805,8810-8812,8817,8822-8830,8834,8835,8842-8847,8849-8856,8860,8863-8879,8942,8953,8960,8967,8974,8981,8992,8999,9002,9024-9028,9037,9044,9051,9058,9063-9065,9069-9071,9090,9679,9680,9695,9714,9729,9744,9750,9794,9795,9810,9829,9844,9859,9865,9915,10010,10012,10013,10015,10017,10018,10020,10021,10025,10026,10028,10029,10046,10048,10049,10051-10053,10055,10056,10058,10059,10061,10062,10079,10081,10082,10084-10095,10490-10499,10642,10689-10692,10696-10698,10710-10712,10734-10753,10845-10852,10854,10856,10898-10905,11089-11137,11237-11280,11290-11341,11344-11348,11357-11361,11370-11374,11385-11389,11398-11402,11409-11413,11419-11423,11425,11426,11428,11429,11431,11432,11434,11435,11437,11438,11440,11441,11443,11444,11446,11447,11449,11450,11452,11453,11455,11456,11458,11459,11465-11476,11501-11512,11526-11537,11550-11561,11574-11585,11598-11609		
Sets of members to design:			
National Annex:	CEN		
Ultimate Limit State Design Result combinations to design:	RC1 RC9	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos x+	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm ²]	Shear Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm ²]	Max. Thickness t [mm]
1	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0
3	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0

RO 48.3x3



1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
1	1	RO 48.3x3 EN 10219-2:2006	Pipe	0.23	
13	3	RO 48.3x3 EN 10219-2:2006	Pipe	0.79	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1192	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
1193	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
1194	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.122	<input checked="" type="checkbox"/>	1.00	0.122	<input type="checkbox"/>	1.0	1.0	0.122	0.122
1195	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
1210	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
1211	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
1222	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
1264	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
1265	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
1267	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
1278	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
1279	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
1300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
1402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
1403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
1405	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
1406	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
1407	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
1408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
1475	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
1476	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
1477	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.122	<input checked="" type="checkbox"/>	1.00	0.122	<input type="checkbox"/>	1.0	1.0	0.122	0.122
1486	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
1487	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
1488	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
1489	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.164	<input checked="" type="checkbox"/>	1.00	0.164	<input type="checkbox"/>	1.0	1.0	0.164	0.164
3965	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
3988	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
3989	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
4012	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.651	<input checked="" type="checkbox"/>	1.00	0.651	<input type="checkbox"/>	1.0	1.0	0.651	0.651
6686	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.300	<input checked="" type="checkbox"/>	1.00	0.300	<input type="checkbox"/>	1.0	1.0	0.300	0.300
6741	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
7042	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.550	<input checked="" type="checkbox"/>	1.00	0.550	<input type="checkbox"/>	1.0	1.0	0.550	0.550
7050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.550	<input checked="" type="checkbox"/>	1.00	0.550	<input type="checkbox"/>	1.0	1.0	0.550	0.550
7052	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
7054	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
7057	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.130	<input checked="" type="checkbox"/>	1.00	0.130	<input type="checkbox"/>	1.0	1.0	0.130	0.130
7059	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
7060	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
7160	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
7171	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
7182	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
7193	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.550	<input checked="" type="checkbox"/>	1.00	0.550	<input type="checkbox"/>	1.0	1.0	0.550	0.550
7204	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.300	<input checked="" type="checkbox"/>	1.00	0.300	<input type="checkbox"/>	1.0	1.0	0.300	0.300
7215	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
7226	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.700	<input checked="" type="checkbox"/>	1.00	0.700	<input type="checkbox"/>	1.0	1.0	0.700	0.700
7237	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
7248	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
7259	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.130	<input checked="" type="checkbox"/>	1.00	0.130	<input type="checkbox"/>	1.0	1.0	0.130	0.130
7270	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.130	<input checked="" type="checkbox"/>	1.00	0.130	<input type="checkbox"/>	1.0	1.0	0.130	0.130
7274	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
7275	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
7276	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
7582	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
7583	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
7818	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
7819	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
7849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
7895	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
7934	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.130	<input checked="" type="checkbox"/>	1.00	0.130	<input type="checkbox"/>	1.0	1.0	0.130	0.130
7973	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
7985	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
8360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.130	<input checked="" type="checkbox"/>	1.00	0.130	<input type="checkbox"/>	1.0	1.0	0.130	0.130
8390	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
8423	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
8526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
8727	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8728	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8731	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8734	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8735	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8736	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8737	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8740	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8741	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8742	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8743	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8744	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8748	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8749	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8757	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8758	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8759	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8760	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8761	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8762	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8763	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8764	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8765	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8766	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8767	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8768	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8769	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8770	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8771	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8774	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8777	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8778	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8779	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8780	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8781	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8782	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8783	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8784	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8785	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8786	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8787	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8791	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8792	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8799	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8801	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8802	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8803	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8804	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8805												

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
8817	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.300	<input checked="" type="checkbox"/>	1.00	0.300	<input type="checkbox"/>	1.0	1.0	0.300	0.300
8822	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.126	<input checked="" type="checkbox"/>	1.00	1.126	<input type="checkbox"/>	1.0	1.0	1.126	1.126
8823	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.074	<input checked="" type="checkbox"/>	1.00	0.074	<input type="checkbox"/>	1.0	1.0	0.074	0.074
8824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.126	<input checked="" type="checkbox"/>	1.00	1.126	<input type="checkbox"/>	1.0	1.0	1.126	1.126
8828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.074	<input checked="" type="checkbox"/>	1.00	0.074	<input type="checkbox"/>	1.0	1.0	0.074	0.074
8829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.126	<input checked="" type="checkbox"/>	1.00	1.126	<input type="checkbox"/>	1.0	1.0	1.126	1.126
8830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.074	<input checked="" type="checkbox"/>	1.00	0.074	<input type="checkbox"/>	1.0	1.0	0.074	0.074
8834	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8835	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8842	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8843	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8844	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8845	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8846	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8847	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8850	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8851	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8852	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8853	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8854	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8855	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8860	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8863	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8864	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8865	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
8867	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8868	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8869	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8870	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8871	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8872	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8873	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8874	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8875	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8876	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8877	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8878	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8879	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
8942	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
8953	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.700	<input checked="" type="checkbox"/>	1.00	0.700	<input type="checkbox"/>	1.0	1.0	0.700	0.700
8960	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
8967	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
8974	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
8981	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
8992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
8999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9025	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9026	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9027	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9028	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
9037	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
9044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
9051	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9058	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9063	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9064	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9065	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9069	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9070	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9071	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.026	<input checked="" type="checkbox"/>	1.00	0.026	<input type="checkbox"/>	1.0	1.0	0.026	0.026
9090	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.136	<input checked="" type="checkbox"/>	1.00	2.136	<input type="checkbox"/>	1.0	1.0	2.136	2.136
9679	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9680	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9695	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9714	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9729	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9744	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9750	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
9794	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.028	<input checked="" type="checkbox"/>	1.00	0.028	<input type="checkbox"/>	1.0	1.0	0.028	0.028
9795	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
9810	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
9829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
9844	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
9859	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
9865	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
9915	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
10010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10012	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724	<input type="checkbox"/>	1.0	1.0	1.724	1.724
10018	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.115	<input checked="" type="checkbox"/>	1.00	0.115	<input type="checkbox"/>	1.0	1.0	0.115	0.115
10020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724					

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
10028	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.581	<input checked="" type="checkbox"/>	1.00	2.581	<input type="checkbox"/>	1.0	1.0	2.581	2.581
10029	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.172	<input checked="" type="checkbox"/>	1.00	0.172	<input type="checkbox"/>	1.0	1.0	0.172	0.172
10046	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10048	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10049	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10051	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10052	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724	<input type="checkbox"/>	1.0	1.0	1.724	1.724
10053	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.115	<input checked="" type="checkbox"/>	1.00	0.115	<input type="checkbox"/>	1.0	1.0	0.115	0.115
10055	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724	<input type="checkbox"/>	1.0	1.0	1.724	1.724
10056	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.115	<input checked="" type="checkbox"/>	1.00	0.115	<input type="checkbox"/>	1.0	1.0	0.115	0.115
10058	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.581	<input checked="" type="checkbox"/>	1.00	2.581	<input type="checkbox"/>	1.0	1.0	2.581	2.581
10059	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.172	<input checked="" type="checkbox"/>	1.00	0.172	<input type="checkbox"/>	1.0	1.0	0.172	0.172
10061	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.445	<input checked="" type="checkbox"/>	1.00	0.445	<input type="checkbox"/>	1.0	1.0	0.445	0.445
10062	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.172	<input checked="" type="checkbox"/>	1.00	0.172	<input type="checkbox"/>	1.0	1.0	0.172	0.172
10079	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10081	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.500	<input checked="" type="checkbox"/>	1.00	1.500	<input type="checkbox"/>	1.0	1.0	1.500	1.500
10084	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.100	<input checked="" type="checkbox"/>	1.00	0.100	<input type="checkbox"/>	1.0	1.0	0.100	0.100
10085	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724	<input type="checkbox"/>	1.0	1.0	1.724	1.724
10086	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.115	<input checked="" type="checkbox"/>	1.00	0.115	<input type="checkbox"/>	1.0	1.0	0.115	0.115
10087	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
10088	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.724	<input checked="" type="checkbox"/>	1.00	1.724	<input type="checkbox"/>	1.0	1.0	1.724	1.724
10089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.115	<input checked="" type="checkbox"/>	1.00	0.115	<input type="checkbox"/>	1.0	1.0	0.115	0.115
10090	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
10091	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.581	<input checked="" type="checkbox"/>	1.00	2.581	<input type="checkbox"/>	1.0	1.0	2.581	2.581
10092	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.172	<input checked="" type="checkbox"/>	1.00	0.172	<input type="checkbox"/>	1.0	1.0	0.172	0.172
10093	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
10094	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.581	<input checked="" type="checkbox"/>	1.00	2.581	<input type="checkbox"/>	1.0	1.0	2.581	2.581
10095	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.172	<input checked="" type="checkbox"/>	1.00	0.172	<input type="checkbox"/>	1.0	1.0	0.172	0.172
10490	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.255	<input checked="" type="checkbox"/>	1.00	1.255	<input type="checkbox"/>	1.0	1.0	1.255	1.255
10491	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.886	<input checked="" type="checkbox"/>	1.00	1.886	<input type="checkbox"/>	1.0	1.0	1.886	1.886
10492	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.255	<input checked="" type="checkbox"/>	1.00	1.255	<input type="checkbox"/>	1.0	1.0	1.255	1.255
10493	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.886	<input checked="" type="checkbox"/>	1.00	1.886	<input type="checkbox"/>	1.0	1.0	1.886	1.886
10494	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.255	<input checked="" type="checkbox"/>	1.00	1.255	<input type="checkbox"/>	1.0	1.0	1.255	1.255
10495	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.886	<input checked="" type="checkbox"/>	1.00	1.886	<input type="checkbox"/>	1.0	1.0	1.886	1.886
10496	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.255	<input checked="" type="checkbox"/>	1.00	1.255	<input type="checkbox"/>	1.0	1.0	1.255	1.255
10497	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.886	<input checked="" type="checkbox"/>	1.00	1.886	<input type="checkbox"/>	1.0	1.0	1.886	1.886
10498	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.255	<input checked="" type="checkbox"/>	1.00	1.255	<input type="checkbox"/>	1.0	1.0	1.255	1.255
10499	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.886	<input checked="" type="checkbox"/>	1.00	1.886	<input type="checkbox"/>	1.0	1.0	1.886	1.886
10642	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
10689	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
10690	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
10691	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
10692	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
10696	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
10697	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
10698	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
10710	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.241	<input checked="" type="checkbox"/>	1.00	0.241	<input type="checkbox"/>	1.0	1.0	0.241	0.241
10711	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.137	<input checked="" type="checkbox"/>	1.00	1.137	<input type="checkbox"/>	1.0	1.0	1.137	1.137
10712	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
10734	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.189	<input checked="" type="checkbox"/>	1.00	1.189	<input type="checkbox"/>	1.0	1.0	1.189	1.189
10735	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.082	<input checked="" type="checkbox"/>	1.00	0.082	<input type="checkbox"/>	1.0	1.0	0.082	0.082
10736	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.788	<input checked="" type="checkbox"/>	1.00	1.788	<input type="checkbox"/>	1.0	1.0	1.788	1.788
10737	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.123	<input checked="" type="checkbox"/>	1.00	0.123	<input type="checkbox"/>	1.0	1.0	0.123	0.123
10738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.189	<input checked="" type="checkbox"/>	1.00	1.189	<input type="checkbox"/>	1.0	1.0	1.189	1.189
10739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.082	<input checked="" type="checkbox"/>	1.00	0.082	<input type="checkbox"/>	1.0	1.0	0.082	0.082
10740	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.788	<input checked="" type="checkbox"/>	1.00	1.788	<input type="checkbox"/>	1.0	1.0	1.788	1.788
10741	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.123	<input checked="" type="checkbox"/>	1.00	0.123	<input type="checkbox"/>	1.0	1.0	0.123	0.123
10742	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.189	<input checked="" type="checkbox"/>	1.00	1.189	<input type="checkbox"/>	1.0	1.0	1.189	1.189
10743	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.082	<input checked="" type="checkbox"/>	1.00	0.082	<input type="checkbox"/>	1.0	1.0	0.082	0.082
10744	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.788	<input checked="" type="checkbox"/>	1.00	1.788	<input type="checkbox"/>	1.0	1.0	1.788	1.788
10745	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.123	<input checked="" type="checkbox"/>	1.00	0.123	<input type="checkbox"/>	1.0	1.0	0.123	0.123
10746	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.189	<input checked="" type="checkbox"/>	1.00	1.189	<input type="checkbox"/>	1.0	1.0	1.189	1.189
10747	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.082	<input checked="" type="checkbox"/>	1.00	0.082	<input type="checkbox"/>	1.0	1.0	0.082	0.082
10748	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.788	<input checked="" type="checkbox"/>	1.00	1.788	<input type="checkbox"/>	1.0	1.0	1.788	1.788
10749	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.123	<input checked="" type="checkbox"/>	1.00	0.123	<input type="checkbox"/>	1.0	1.0	0.123	0.123
10750	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.189	<input checked="" type="checkbox"/>	1.00	1.189	<input type="checkbox"/>	1.0	1.0	1.189	1.189
10751	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.082	<input checked="" type="checkbox"/>	1.00	0.082	<input type="checkbox"/>	1.0	1.0	0.082	0.082
10752	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.788	<input checked="" type="checkbox"/>	1.00	1.788	<input type="checkbox"/>	1.0	1.0	1.788	1.788
10753	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.123	<input checked="" type="checkbox"/>	1.00	0.123	<input type="checkbox"/>	1.0	1.0	0.123	0.123
10845	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10846	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10847	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10848	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10850	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10851	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10852	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10854	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.752	<input checked="" type="checkbox"/>	1.00	0.752	<input type="checkbox"/>	1.0	1.0	0.752	0.752
10856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.508	<input checked="" type="checkbox"/>	1.00	0.508	<input type="checkbox"/>	1.0	1.0	0.508	0.508
10898	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10899	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10901	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.365	<input checked="" type="checkbox"/>	1.00	0.365	<input type="checkbox"/>	1.0	1.0	0.365	0.365
10902	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10903	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10904	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
10905	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.491	<input checked="" type="checkbox"/>	1.00	0.491	<input type="checkbox"/>	1.0	1.0	0.491	0.491
11089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11090	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11091	<input checked="" type="checkbox"/>											

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
11095	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11096	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11097	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11098	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11099	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11102	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11103	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11104	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11106	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
11107	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11108	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.550	<input checked="" type="checkbox"/>	1.00	0.550	<input type="checkbox"/>	1.0	1.0	0.550	0.550
11109	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11110	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11111	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11112	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
11113	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11114	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
11116	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.550	<input checked="" type="checkbox"/>	1.00	0.550	<input type="checkbox"/>	1.0	1.0	0.550	0.550
11117	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11118	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11119	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.700	<input checked="" type="checkbox"/>	1.00	0.700	<input type="checkbox"/>	1.0	1.0	0.700	0.700
11121	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
11122	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.700	<input checked="" type="checkbox"/>	1.00	0.700	<input type="checkbox"/>	1.0	1.0	0.700	0.700
11123	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11124	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
11125	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.330	<input checked="" type="checkbox"/>	1.00	0.330	<input type="checkbox"/>	1.0	1.0	0.330	0.330
11126	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.218	<input checked="" type="checkbox"/>	1.00	0.218	<input type="checkbox"/>	1.0	1.0	0.218	0.218
11127	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.098	<input checked="" type="checkbox"/>	1.00	0.098	<input type="checkbox"/>	1.0	1.0	0.098	0.098
11128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11129	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.218	<input checked="" type="checkbox"/>	1.00	0.218	<input type="checkbox"/>	1.0	1.0	0.218	0.218
11130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.065	<input checked="" type="checkbox"/>	1.00	0.065	<input type="checkbox"/>	1.0	1.0	0.065	0.065
11131	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.098	<input checked="" type="checkbox"/>	1.00	0.098	<input type="checkbox"/>	1.0	1.0	0.098	0.098
11132	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11133	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.130	<input checked="" type="checkbox"/>	1.00	1.130	<input type="checkbox"/>	1.0	1.0	1.130	1.130
11134	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.098	<input checked="" type="checkbox"/>	1.00	0.098	<input type="checkbox"/>	1.0	1.0	0.098	0.098
11135	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.218	<input checked="" type="checkbox"/>	1.00	0.218	<input type="checkbox"/>	1.0	1.0	0.218	0.218
11136	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.098	<input checked="" type="checkbox"/>	1.00	0.098	<input type="checkbox"/>	1.0	1.0	0.098	0.098
11137	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.239	<input checked="" type="checkbox"/>	1.00	1.239	<input type="checkbox"/>	1.0	1.0	1.239	1.239
11237	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11238	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11239	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11241	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11242	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11243	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11244	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11245	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11246	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11247	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11248	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11249	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11251	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11252	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11253	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11254	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11257	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11259	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11261	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11262	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11263	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11264	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11265	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11266	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11267	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11268	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11269	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11270	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11271	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11272	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11273	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11274	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11275	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11276	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11277	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11278	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.659	<input checked="" type="checkbox"/>	1.00	3.659	<input type="checkbox"/>	1.0	1.0	3.659	3.659
11279	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11280	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	3.971	<input checked="" type="checkbox"/>	1.00	3.971	<input type="checkbox"/>	1.0	1.0	3.971	3.971
11290	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11291	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11292	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11293	<input checked="" type="checkbox"/>											

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
11297	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11298	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11299	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11300	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11301	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11302	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11303	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11304	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11305	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11306	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11307	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11308	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11309	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11310	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11313	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11314	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11316	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11317	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11318	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11319	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11320	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11321	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11322	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11323	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11324	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11325	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11326	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11327	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11328	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11329	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.222	<input checked="" type="checkbox"/>	1.00	2.222	<input type="checkbox"/>	1.0	1.0	2.222	2.222
11331	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11332	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11333	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11334	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	4.026	<input checked="" type="checkbox"/>	1.00	4.026	<input type="checkbox"/>	1.0	1.0	4.026	4.026
11335	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11336	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.860	<input checked="" type="checkbox"/>	1.00	1.860	<input type="checkbox"/>	1.0	1.0	1.860	1.860
11337	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.472	<input checked="" type="checkbox"/>	1.00	2.472	<input type="checkbox"/>	1.0	1.0	2.472	2.472
11338	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11339	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.737	<input checked="" type="checkbox"/>	1.00	1.737	<input type="checkbox"/>	1.0	1.0	1.737	1.737
11340	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.952	<input checked="" type="checkbox"/>	1.00	0.952	<input type="checkbox"/>	1.0	1.0	0.952	0.952
11341	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.481	<input checked="" type="checkbox"/>	1.00	1.481	<input type="checkbox"/>	1.0	1.0	1.481	1.481
11344	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
11345	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
11346	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
11347	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
11348	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.244	<input checked="" type="checkbox"/>	1.00	1.244	<input type="checkbox"/>	1.0	1.0	1.244	1.244
11357	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11358	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11359	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11361	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11370	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11371	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11372	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11373	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11374	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.364	<input checked="" type="checkbox"/>	1.00	1.364	<input type="checkbox"/>	1.0	1.0	1.364	1.364
11385	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11386	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11387	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11388	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11389	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11398	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11399	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11401	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11409	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11410	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11411	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11412	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11413	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.256	<input checked="" type="checkbox"/>	1.00	1.256	<input type="checkbox"/>	1.0	1.0	1.256	1.256
11419	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11420	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11421	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11422	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11423	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.146	<input checked="" type="checkbox"/>	1.00	1.146	<input type="checkbox"/>	1.0	1.0	1.146	1.146
11425	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11426	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11428	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11429	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11431	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11435	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11437	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11438	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242								

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling					
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
11446	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11447	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11449	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11450	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11452	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11453	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11455	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11456	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11458	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.338	<input checked="" type="checkbox"/>	1.00	1.338	<input type="checkbox"/>	1.0	1.0	1.338	1.338
11459	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11465	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11466	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11467	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11468	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11469	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11470	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11471	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11472	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11473	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11474	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11475	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11476	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11501	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11502	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11503	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11504	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11505	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11506	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11507	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11509	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11510	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11511	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11512	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.161	<input checked="" type="checkbox"/>	1.00	1.161	<input type="checkbox"/>	1.0	1.0	1.161	1.161
11526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11531	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11532	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11533	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11534	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11535	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11537	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11550	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11551	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11552	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11553	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11554	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11555	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.272	<input checked="" type="checkbox"/>	1.00	1.272	<input type="checkbox"/>	1.0	1.0	1.272	1.272
11574	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11575	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11576	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11577	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11578	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11579	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11580	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11581	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11582	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11583	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11584	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11585	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.133	<input checked="" type="checkbox"/>	1.00	1.133	<input type="checkbox"/>	1.0	1.0	1.133	1.133
11598	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11599	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11601	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11602	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11603	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11604	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11605	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11606	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11607	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11608	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242
11609	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.242	<input checked="" type="checkbox"/>	1.00	1.242	<input type="checkbox"/>	1.0	1.0	1.242	1.242

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length			Precamber e_0 [mm]	Beam Type
			Manually	l [m]	Direct.		
1	Member	1192	<input type="checkbox"/>	0.651	y, z	0.0	Beam
2	Member	1193	<input type="checkbox"/>	0.752	y, z	0.0	Beam
3	Member	1194	<input type="checkbox"/>	0.122	y, z	0.0	Beam
4	Member	1195	<input type="checkbox"/>	0.241	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

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1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
5	Member	1210	<input type="checkbox"/>	1.137	y, z	0.0	Beam
6	Member	1211	<input type="checkbox"/>	0.508	y, z	0.0	Beam
7	Member	1222	<input type="checkbox"/>	0.164	y, z	0.0	Beam
8	Member	1264	<input type="checkbox"/>	0.651	y, z	0.0	Beam
9	Member	1265	<input type="checkbox"/>	0.752	y, z	0.0	Beam
10	Member	1266	<input type="checkbox"/>	0.122	y, z	0.0	Beam
11	Member	1267	<input type="checkbox"/>	0.241	y, z	0.0	Beam
12	Member	1278	<input type="checkbox"/>	1.137	y, z	0.0	Beam
13	Member	1279	<input type="checkbox"/>	0.508	y, z	0.0	Beam
14	Member	1300	<input type="checkbox"/>	0.164	y, z	0.0	Beam
15	Member	1402	<input type="checkbox"/>	0.651	y, z	0.0	Beam
16	Member	1403	<input type="checkbox"/>	0.752	y, z	0.0	Beam
17	Member	1404	<input type="checkbox"/>	0.122	y, z	0.0	Beam
18	Member	1405	<input type="checkbox"/>	0.241	y, z	0.0	Beam
19	Member	1406	<input type="checkbox"/>	1.137	y, z	0.0	Beam
20	Member	1407	<input type="checkbox"/>	0.508	y, z	0.0	Beam
21	Member	1408	<input type="checkbox"/>	0.164	y, z	0.0	Beam
22	Member	1475	<input type="checkbox"/>	0.651	y, z	0.0	Beam
23	Member	1476	<input type="checkbox"/>	0.752	y, z	0.0	Beam
24	Member	1477	<input type="checkbox"/>	0.122	y, z	0.0	Beam
25	Member	1486	<input type="checkbox"/>	0.241	y, z	0.0	Beam
26	Member	1487	<input type="checkbox"/>	1.137	y, z	0.0	Beam
27	Member	1488	<input type="checkbox"/>	0.508	y, z	0.0	Beam
28	Member	1489	<input type="checkbox"/>	0.164	y, z	0.0	Beam
29	Member	3965	<input type="checkbox"/>	0.651	y, z	0.0	Beam
30	Member	3988	<input type="checkbox"/>	0.651	y, z	0.0	Beam
31	Member	3989	<input type="checkbox"/>	0.651	y, z	0.0	Beam
32	Member	4012	<input type="checkbox"/>	0.651	y, z	0.0	Beam
33	Member	8727	<input type="checkbox"/>	1.152	y, z	0.0	Beam
34	Member	8728	<input type="checkbox"/>	0.100	y, z	0.0	Beam
35	Member	8731	<input type="checkbox"/>	1.152	y, z	0.0	Beam
36	Member	8734	<input type="checkbox"/>	0.100	y, z	0.0	Beam
37	Member	8735	<input type="checkbox"/>	1.152	y, z	0.0	Beam
38	Member	8736	<input type="checkbox"/>	0.100	y, z	0.0	Beam
39	Member	8737	<input type="checkbox"/>	1.152	y, z	0.0	Beam
40	Member	8738	<input type="checkbox"/>	0.100	y, z	0.0	Beam
41	Member	8739	<input type="checkbox"/>	1.152	y, z	0.0	Beam
42	Member	8740	<input type="checkbox"/>	1.152	y, z	0.0	Beam
43	Member	8741	<input type="checkbox"/>	0.100	y, z	0.0	Beam
44	Member	8742	<input type="checkbox"/>	1.152	y, z	0.0	Beam
45	Member	8743	<input type="checkbox"/>	0.100	y, z	0.0	Beam
46	Member	8744	<input type="checkbox"/>	1.152	y, z	0.0	Beam
47	Member	8748	<input type="checkbox"/>	0.100	y, z	0.0	Beam
48	Member	8749	<input type="checkbox"/>	1.152	y, z	0.0	Beam
49	Member	8756	<input type="checkbox"/>	0.100	y, z	0.0	Beam
50	Member	8757	<input type="checkbox"/>	1.152	y, z	0.0	Beam
51	Member	8758	<input type="checkbox"/>	0.100	y, z	0.0	Beam
52	Member	8759	<input type="checkbox"/>	1.152	y, z	0.0	Beam
53	Member	8760	<input type="checkbox"/>	0.100	y, z	0.0	Beam
54	Member	8761	<input type="checkbox"/>	1.152	y, z	0.0	Beam
55	Member	8762	<input type="checkbox"/>	0.100	y, z	0.0	Beam
56	Member	8763	<input type="checkbox"/>	1.152	y, z	0.0	Beam
57	Member	8764	<input type="checkbox"/>	0.100	y, z	0.0	Beam
58	Member	8765	<input type="checkbox"/>	1.152	y, z	0.0	Beam
59	Member	8766	<input type="checkbox"/>	0.100	y, z	0.0	Beam
60	Member	8767	<input type="checkbox"/>	1.152	y, z	0.0	Beam
61	Member	8768	<input type="checkbox"/>	0.100	y, z	0.0	Beam
62	Member	8769	<input type="checkbox"/>	1.152	y, z	0.0	Beam
63	Member	8770	<input type="checkbox"/>	0.100	y, z	0.0	Beam
64	Member	8771	<input type="checkbox"/>	1.152	y, z	0.0	Beam
65	Member	8774	<input type="checkbox"/>	0.100	y, z	0.0	Beam
66	Member	8777	<input type="checkbox"/>	1.152	y, z	0.0	Beam
67	Member	8778	<input type="checkbox"/>	0.100	y, z	0.0	Beam
68	Member	8779	<input type="checkbox"/>	1.152	y, z	0.0	Beam
69	Member	8780	<input type="checkbox"/>	0.100	y, z	0.0	Beam
70	Member	8781	<input type="checkbox"/>	1.152	y, z	0.0	Beam
71	Member	8782	<input type="checkbox"/>	0.100	y, z	0.0	Beam
72	Member	8783	<input type="checkbox"/>	1.152	y, z	0.0	Beam
73	Member	8784	<input type="checkbox"/>	0.100	y, z	0.0	Beam
74	Member	8785	<input type="checkbox"/>	1.152	y, z	0.0	Beam
75	Member	8786	<input type="checkbox"/>	0.100	y, z	0.0	Beam
76	Member	8787	<input type="checkbox"/>	1.152	y, z	0.0	Beam
77	Member	8791	<input type="checkbox"/>	0.100	y, z	0.0	Beam
78	Member	8792	<input type="checkbox"/>	1.152	y, z	0.0	Beam
79	Member	8799	<input type="checkbox"/>	0.100	y, z	0.0	Beam
80	Member	8800	<input type="checkbox"/>	0.100	y, z	0.0	Beam
81	Member	8801	<input type="checkbox"/>	0.100	y, z	0.0	Beam
82	Member	8802	<input type="checkbox"/>	0.100	y, z	0.0	Beam
83	Member	8803	<input type="checkbox"/>	0.100	y, z	0.0	Beam
84	Member	8804	<input type="checkbox"/>	0.100	y, z	0.0	Beam
85	Member	8805	<input type="checkbox"/>	0.100	y, z	0.0	Beam
86	Member	8810	<input type="checkbox"/>	0.100	y, z	0.0	Beam
87	Member	8811	<input type="checkbox"/>	0.100	y, z	0.0	Beam
88	Member	8812	<input type="checkbox"/>	0.100	y, z	0.0	Beam
89	Member	8822	<input type="checkbox"/>	1.126	y, z	0.0	Beam
90	Member	8823	<input type="checkbox"/>	0.074	y, z	0.0	Beam
91	Member	8824	<input type="checkbox"/>	0.100	y, z	0.0	Beam
92	Member	8825	<input type="checkbox"/>	0.100	y, z	0.0	Beam
93	Member	8826	<input type="checkbox"/>	0.100	y, z	0.0	Beam
94	Member	8827	<input type="checkbox"/>	1.126	y, z	0.0	Beam
95	Member	8828	<input type="checkbox"/>	0.074	y, z	0.0	Beam
96	Member	8829	<input type="checkbox"/>	1.126	y, z	0.0	Beam
97	Member	8830	<input type="checkbox"/>	0.074	y, z	0.0	Beam
98	Member	8834	<input type="checkbox"/>	1.152	y, z	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

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1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
99	Member	8835	<input type="checkbox"/>	0.100	y, z	0.0	Beam
100	Member	8842	<input type="checkbox"/>	1.152	y, z	0.0	Beam
101	Member	8843	<input type="checkbox"/>	0.100	y, z	0.0	Beam
102	Member	8844	<input type="checkbox"/>	0.100	y, z	0.0	Beam
103	Member	8845	<input type="checkbox"/>	0.100	y, z	0.0	Beam
104	Member	8846	<input type="checkbox"/>	0.100	y, z	0.0	Beam
105	Member	8847	<input type="checkbox"/>	1.152	y, z	0.0	Beam
106	Member	8848	<input type="checkbox"/>	0.100	y, z	0.0	Beam
107	Member	8849	<input type="checkbox"/>	1.152	y, z	0.0	Beam
108	Member	8850	<input type="checkbox"/>	0.100	y, z	0.0	Beam
109	Member	8851	<input type="checkbox"/>	1.152	y, z	0.0	Beam
110	Member	8852	<input type="checkbox"/>	0.100	y, z	0.0	Beam
111	Member	8853	<input type="checkbox"/>	0.100	y, z	0.0	Beam
112	Member	8854	<input type="checkbox"/>	0.100	y, z	0.0	Beam
113	Member	8855	<input type="checkbox"/>	0.100	y, z	0.0	Beam
114	Member	8856	<input type="checkbox"/>	1.152	y, z	0.0	Beam
115	Member	8857	<input type="checkbox"/>	0.100	y, z	0.0	Beam
116	Member	8860	<input type="checkbox"/>	1.152	y, z	0.0	Beam
117	Member	8863	<input type="checkbox"/>	0.100	y, z	0.0	Beam
118	Member	8864	<input type="checkbox"/>	1.152	y, z	0.0	Beam
119	Member	8865	<input type="checkbox"/>	0.100	y, z	0.0	Beam
120	Member	8866	<input type="checkbox"/>	1.152	y, z	0.0	Beam
121	Member	8867	<input type="checkbox"/>	0.100	y, z	0.0	Beam
122	Member	8868	<input type="checkbox"/>	0.100	y, z	0.0	Beam
123	Member	8869	<input type="checkbox"/>	0.100	y, z	0.0	Beam
124	Member	8870	<input type="checkbox"/>	0.100	y, z	0.0	Beam
125	Member	8871	<input type="checkbox"/>	0.100	y, z	0.0	Beam
126	Member	8872	<input type="checkbox"/>	0.100	y, z	0.0	Beam
127	Member	8873	<input type="checkbox"/>	0.100	y, z	0.0	Beam
128	Member	8874	<input type="checkbox"/>	0.100	y, z	0.0	Beam
129	Member	8875	<input type="checkbox"/>	0.100	y, z	0.0	Beam
130	Member	8876	<input type="checkbox"/>	0.100	y, z	0.0	Beam
131	Member	8877	<input type="checkbox"/>	0.100	y, z	0.0	Beam
132	Member	8878	<input type="checkbox"/>	0.100	y, z	0.0	Beam
133	Member	8879	<input type="checkbox"/>	0.100	y, z	0.0	Beam
134	Member	9002	<input type="checkbox"/>	0.100	y, z	0.0	Beam
135	Member	9024	<input type="checkbox"/>	0.100	y, z	0.0	Beam
136	Member	9025	<input type="checkbox"/>	0.100	y, z	0.0	Beam
137	Member	9026	<input type="checkbox"/>	0.100	y, z	0.0	Beam
138	Member	9027	<input type="checkbox"/>	0.100	y, z	0.0	Beam
139	Member	9028	<input type="checkbox"/>	0.100	y, z	0.0	Beam
140	Member	9063	<input type="checkbox"/>	0.026	y, z	0.0	Beam
141	Member	9064	<input type="checkbox"/>	0.026	y, z	0.0	Beam
142	Member	9065	<input type="checkbox"/>	0.026	y, z	0.0	Beam
143	Member	9069	<input type="checkbox"/>	0.026	y, z	0.0	Beam
144	Member	9070	<input type="checkbox"/>	0.026	y, z	0.0	Beam
145	Member	9071	<input type="checkbox"/>	0.026	y, z	0.0	Beam
146	Member	9090	<input type="checkbox"/>	2.136	y, z	0.0	Beam
147	Member	10010	<input type="checkbox"/>	1.500	y, z	0.0	Beam
148	Member	10012	<input type="checkbox"/>	0.100	y, z	0.0	Beam
149	Member	10013	<input type="checkbox"/>	1.500	y, z	0.0	Beam
150	Member	10015	<input type="checkbox"/>	0.100	y, z	0.0	Beam
151	Member	10017	<input type="checkbox"/>	1.724	y, z	0.0	Beam
152	Member	10018	<input type="checkbox"/>	0.115	y, z	0.0	Beam
153	Member	10020	<input type="checkbox"/>	1.724	y, z	0.0	Beam
154	Member	10021	<input type="checkbox"/>	0.115	y, z	0.0	Beam
155	Member	10025	<input type="checkbox"/>	2.581	y, z	0.0	Beam
156	Member	10026	<input type="checkbox"/>	0.172	y, z	0.0	Beam
157	Member	10028	<input type="checkbox"/>	2.581	y, z	0.0	Beam
158	Member	10029	<input type="checkbox"/>	0.172	y, z	0.0	Beam
159	Member	10046	<input type="checkbox"/>	1.500	y, z	0.0	Beam
160	Member	10048	<input type="checkbox"/>	0.100	y, z	0.0	Beam
161	Member	10049	<input type="checkbox"/>	1.500	y, z	0.0	Beam
162	Member	10051	<input type="checkbox"/>	0.100	y, z	0.0	Beam
163	Member	10052	<input type="checkbox"/>	1.724	y, z	0.0	Beam
164	Member	10053	<input type="checkbox"/>	0.115	y, z	0.0	Beam
165	Member	10055	<input type="checkbox"/>	1.724	y, z	0.0	Beam
166	Member	10056	<input type="checkbox"/>	0.115	y, z	0.0	Beam
167	Member	10058	<input type="checkbox"/>	2.581	y, z	0.0	Beam
168	Member	10059	<input type="checkbox"/>	0.172	y, z	0.0	Beam
169	Member	10061	<input type="checkbox"/>	0.445	y, z	0.0	Beam
170	Member	10062	<input type="checkbox"/>	0.172	y, z	0.0	Beam
171	Member	10079	<input type="checkbox"/>	1.500	y, z	0.0	Beam
172	Member	10081	<input type="checkbox"/>	0.100	y, z	0.0	Beam
173	Member	10082	<input type="checkbox"/>	1.500	y, z	0.0	Beam
174	Member	10084	<input type="checkbox"/>	0.100	y, z	0.0	Beam
175	Member	10085	<input type="checkbox"/>	1.724	y, z	0.0	Beam
176	Member	10086	<input type="checkbox"/>	0.115	y, z	0.0	Beam
177	Member	10087	<input type="checkbox"/>	0.241	y, z	0.0	Beam
178	Member	10088	<input type="checkbox"/>	1.724	y, z	0.0	Beam
179	Member	10089	<input type="checkbox"/>	0.115	y, z	0.0	Beam
180	Member	10090	<input type="checkbox"/>	1.137	y, z	0.0	Beam
181	Member	10091	<input type="checkbox"/>	2.581	y, z	0.0	Beam
182	Member	10092	<input type="checkbox"/>	0.172	y, z	0.0	Beam
183	Member	10093	<input type="checkbox"/>	0.752	y, z	0.0	Beam
184	Member	10094	<input type="checkbox"/>	2.581	y, z	0.0	Beam
185	Member	10095	<input type="checkbox"/>	0.172	y, z	0.0	Beam
186	Member	10490	<input type="checkbox"/>	1.255	y, z	0.0	Beam
187	Member	10491	<input type="checkbox"/>	1.886	y, z	0.0	Beam
188	Member	10492	<input type="checkbox"/>	1.255	y, z	0.0	Beam
189	Member	10493	<input type="checkbox"/>	1.886	y, z	0.0	Beam
190	Member	10494	<input type="checkbox"/>	1.255	y, z	0.0	Beam
191	Member	10495	<input type="checkbox"/>	1.886	y, z	0.0	Beam
192	Member	10496	<input type="checkbox"/>	1.255	y, z	0.0	Beam

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1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber e ₀ [mm]	Beam Type
			Manually	l [m]			
193	Member	10497	<input type="checkbox"/>	1.886	y, z	0.0	Beam
194	Member	10498	<input type="checkbox"/>	1.255	y, z	0.0	Beam
195	Member	10499	<input type="checkbox"/>	1.886	y, z	0.0	Beam
196	Member	10642	<input type="checkbox"/>	0.752	y, z	0.0	Beam
197	Member	10689	<input type="checkbox"/>	0.241	y, z	0.0	Beam
198	Member	10690	<input type="checkbox"/>	1.137	y, z	0.0	Beam
199	Member	10691	<input type="checkbox"/>	0.508	y, z	0.0	Beam
200	Member	10692	<input type="checkbox"/>	0.752	y, z	0.0	Beam
201	Member	10696	<input type="checkbox"/>	0.241	y, z	0.0	Beam
202	Member	10697	<input type="checkbox"/>	1.137	y, z	0.0	Beam
203	Member	10698	<input type="checkbox"/>	0.508	y, z	0.0	Beam
204	Member	10710	<input type="checkbox"/>	0.241	y, z	0.0	Beam
205	Member	10711	<input type="checkbox"/>	1.137	y, z	0.0	Beam
206	Member	10712	<input type="checkbox"/>	0.508	y, z	0.0	Beam
207	Member	10734	<input type="checkbox"/>	1.189	y, z	0.0	Beam
208	Member	10735	<input type="checkbox"/>	0.082	y, z	0.0	Beam
209	Member	10736	<input type="checkbox"/>	1.788	y, z	0.0	Beam
210	Member	10737	<input type="checkbox"/>	0.123	y, z	0.0	Beam
211	Member	10738	<input type="checkbox"/>	1.189	y, z	0.0	Beam
212	Member	10739	<input type="checkbox"/>	0.082	y, z	0.0	Beam
213	Member	10740	<input type="checkbox"/>	1.788	y, z	0.0	Beam
214	Member	10741	<input type="checkbox"/>	0.123	y, z	0.0	Beam
215	Member	10742	<input type="checkbox"/>	1.189	y, z	0.0	Beam
216	Member	10743	<input type="checkbox"/>	0.082	y, z	0.0	Beam
217	Member	10744	<input type="checkbox"/>	1.788	y, z	0.0	Beam
218	Member	10745	<input type="checkbox"/>	0.123	y, z	0.0	Beam
219	Member	10746	<input type="checkbox"/>	1.189	y, z	0.0	Beam
220	Member	10747	<input type="checkbox"/>	0.082	y, z	0.0	Beam
221	Member	10748	<input type="checkbox"/>	1.788	y, z	0.0	Beam
222	Member	10749	<input type="checkbox"/>	0.123	y, z	0.0	Beam
223	Member	10750	<input type="checkbox"/>	1.189	y, z	0.0	Beam
224	Member	10751	<input type="checkbox"/>	0.082	y, z	0.0	Beam
225	Member	10752	<input type="checkbox"/>	1.788	y, z	0.0	Beam
226	Member	10753	<input type="checkbox"/>	0.123	y, z	0.0	Beam
227	Member	10845	<input type="checkbox"/>	0.365	y, z	0.0	Beam
228	Member	10846	<input type="checkbox"/>	0.365	y, z	0.0	Beam
229	Member	10847	<input type="checkbox"/>	0.365	y, z	0.0	Beam
230	Member	10848	<input type="checkbox"/>	0.365	y, z	0.0	Beam
231	Member	10849	<input type="checkbox"/>	0.491	y, z	0.0	Beam
232	Member	10850	<input type="checkbox"/>	0.491	y, z	0.0	Beam
233	Member	10851	<input type="checkbox"/>	0.491	y, z	0.0	Beam
234	Member	10852	<input type="checkbox"/>	0.491	y, z	0.0	Beam
235	Member	10854	<input type="checkbox"/>	0.752	y, z	0.0	Beam
236	Member	10856	<input type="checkbox"/>	0.508	y, z	0.0	Beam
237	Member	10898	<input type="checkbox"/>	0.365	y, z	0.0	Beam
238	Member	10899	<input type="checkbox"/>	0.365	y, z	0.0	Beam
239	Member	10900	<input type="checkbox"/>	0.365	y, z	0.0	Beam
240	Member	10901	<input type="checkbox"/>	0.365	y, z	0.0	Beam
241	Member	10902	<input type="checkbox"/>	0.491	y, z	0.0	Beam
242	Member	10903	<input type="checkbox"/>	0.491	y, z	0.0	Beam
243	Member	10904	<input type="checkbox"/>	0.491	y, z	0.0	Beam
244	Member	10905	<input type="checkbox"/>	0.491	y, z	0.0	Beam

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1192	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.651	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1193	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.376	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.752	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.752	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1194	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.122	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.122	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.061	RC9	0.14	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.061	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.061	RC9	0.14	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
	0.000	RC9	0.18	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.061	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		
0.000	RC9	0.18	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)		
0.122	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.061	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.122	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1		
0.061	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.122	RC9	0.27	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9		
0.122	RC9	0.74	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design		
0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1195	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.241	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.241	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.241	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.241	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.241	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1210	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.137	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.137	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.379	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.379	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.379	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.379	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.379	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	ST364)	to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.758	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1211	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.508	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.508	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.508	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1222	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.164	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.082	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.082	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1264	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.651	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.651	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1265	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.752	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.752	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.752	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.752	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.752	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1267	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.241	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.241	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1278	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		1.137	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.379		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.379		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.758		RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.379		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
1.137		RC9	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
1.137		RC9	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000		RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.758		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.379		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.379		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.379		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.379		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.379		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1279	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.508	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.508	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.164	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.13	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.082	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.13	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.164	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.164	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.164	RC9	0.31	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1402	0.651	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1403	0.376	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.752	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.752	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
1405	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.241	RC9	0.16	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.241	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.241	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.241	RC9	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.121	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1406	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.137	RC9	0.00	≤ 1	CS100) Negligible internal forces
	1.137	RC9	0.17	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.379	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.379	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.379	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.758	RC9	0.05	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.379	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.758	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.379	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.379	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.379	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.379	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1407	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.508	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.508	RC9	0.17	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.508	RC1	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.508	RC1	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.508	RC9	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.21	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.254	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.254	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.254	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1408	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.164	RC9	0.15	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.03	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.13	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.082	RC9	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.164	RC1	0.03	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.164	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000	RC9	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.164	RC9	0.32	≤ 1	CS221)	acc. to 6.2.9.1
	0.000	RC9	0.72	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Negligible deformations
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1475	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.326	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1476	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.752	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.752	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.752	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1477	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.122	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.122	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.17	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.17	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.122	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.122	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.122	RC9	0.25	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.122	RC9	0.71	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.58	≤ 1	ST364)	and 6.3.1.2(4) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1486	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.241	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.241	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.121	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.121	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.241	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1487	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.137	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.137	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.379	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.379	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.379	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.758	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.758	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.758	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1488	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.508	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1489	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.164	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.164	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.082	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.164	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.164	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.164	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.164	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
3965	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.326	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.651	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.651	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3988	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.651	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.651	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3989	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.651	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.651	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4012	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.651	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.651	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.651	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6686	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000		RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.150		RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.150		RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.300		RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
6741		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.032	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.065	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.065	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.032	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.065	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.065	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.032	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	7042	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000		RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.275		RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.550		RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.550		RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.550		RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7050	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.275	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.275	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
7052	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.239	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.413	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.826	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.413	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.130	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.753	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.753	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
7054	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
7057	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.330	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.330	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
7059	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
0.065	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.065	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7		
0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		
0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		
0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)		
0.065	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1		
0.032	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.032	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9		
7060	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.065	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.065	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7		
0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		
0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		
0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)		
0.065	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1		
0.032	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.032	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9		

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
7160	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7171	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7182	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7193	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7204	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST311)	and 6.3.1.2(4) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7215	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.065	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.065	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.065	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.032	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.065	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
7226	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7237	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.826	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.826	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7248	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.130	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
7259	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7270	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.130	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	7274	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.244		RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.829		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.829		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.415		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.829		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.244		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.829		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1.244		RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.244		RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.244	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7275	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.244	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.829	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.244	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7276	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.244	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.244	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.244	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.829	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.244	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7582	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.244	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.415	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.829	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.244	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
7583	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.244	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.244	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.244	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7818	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.065	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.065	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.065	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.032	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
7819	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.165	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
7849	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.239	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.239	RC1	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.413	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.826	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
7895	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.130	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.377	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
7934	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.130	RC9	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.15	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.130	RC9	0.02	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.15	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC9	0.16	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.02	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.18	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7973	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC1	0.00	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.06	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.02	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7985	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.032	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.065	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.065	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8360	0.065	RC1	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8390	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.413	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.413	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8423	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.130	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.130	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.753	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8526	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
0.000		RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.165		RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
0.330		RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.165		RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.330		RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8727	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8728	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8731	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8734	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.18	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.22	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8735	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	8736	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.19	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.49	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.24	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8737	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8738	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8739	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8740	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8741	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8742 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8743 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8744 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8748 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.20	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.20	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.100	RC9	0.50	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.100	RC9	0.25	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8749 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.384	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.384	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
0.384	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8756 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC9	0.19	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC9	0.19	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.050	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.100	RC9	0.25	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8757	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8758	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8759	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.384	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8760	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.19	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.48	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.23	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8761	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8762	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.18	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.47	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.22	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8763	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8764	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8765	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8766	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.20	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.20	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.51	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.26	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8767	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8768	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.21	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.55	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.30	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8769	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8770	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.11	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8771	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8774	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.050	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.22	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.52	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.31	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8777	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.768	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8778	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.25	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.66	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.43	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.73	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8779	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8780	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.100	RC9	0.11	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8781	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8782	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.21	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.21	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.29	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8783	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8784	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.27	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.50	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.79	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8785	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8786	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.100		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
0.000		RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
0.100		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.100		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.050		RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.100		RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.050		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8787	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8791	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8792	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.384		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.768		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.152		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.768		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.152		RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.768		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.384		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.152		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.768		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.384		RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8799	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.10	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.36	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8800	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8801	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
8802	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8803	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8804	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.050	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8805	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8810	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8811	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8812	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8817	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.300	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	8822	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.126	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.126	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.126	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.126	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.375	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8823	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.037	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.074	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.074	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.074	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.074	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.037	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.074	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.037	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.037	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.037	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.037	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8824	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8825	0.000	RC9	0.02	≤ 1	ST364)	to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8826	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	8827	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.750		RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.126		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.750		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.126		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.750		RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.126		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.750		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.126		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.126		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.375		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.375		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.375		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.375		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
8828	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.074	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.074	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.074	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.037	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.037	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.037	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.037	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.037	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.037	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8829	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.750	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.126	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.126	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.126	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.126	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.126	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.375	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.126	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.126	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8830	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.074	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.12	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.037	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.074	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.074	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.074	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.037	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.037	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.037	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8834	0.037	RC2	0.00	≤ 1	SE406)	z-direction
	0.037	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.037	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8835	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.11	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.100	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.14	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.44	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
8842	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8843	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
8844	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8845	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8846	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.21	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS161)	to 6.2.5 and 6.2.8
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.29	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.62	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Negligible deformations
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8847	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8849	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8850	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.11	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.100	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.050	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.15	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.45	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8851	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8852	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.21	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.22	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.30	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	8853 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
8854 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.100	RC9	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.100	RC9	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8855 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						z-direction
8856	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.08	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.10	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.10	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.02	≤ 1	CS181	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.11	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8860	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC1	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.05	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8863	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.05	≤ 1	CS121	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS128	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS141	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8864	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8865	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8866	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.384	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.152	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8867	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8868	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8869	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8870	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC9	0.25	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
	0.000	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.100	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC9	0.14	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.13	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.15	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.100	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
	0.100	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8871	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
		0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
		0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
		0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8872	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8873	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8874	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8875	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8876	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8877	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8878	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8879	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8942	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.065	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.032	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.032	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	8953	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
0.000		RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.550		RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.550		RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
0.550		RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.700		RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.550		RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.700		RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
8960	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8967	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.130	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.753	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.753	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.377	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
8974	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.028	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.014	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	8981	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.014	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.028	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
8992	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.065	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.065	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.065	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
0.065	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.05	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.032	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8	
0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
0.032	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.032	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.10	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
8999	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.028	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
9002	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9024	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.100	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9025	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.08	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9026	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	9027	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9028	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9037	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9044	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9051	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9058	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9063	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.013	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.013	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.026	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.013	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.013	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
9064	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.026	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.013	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.013	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9065	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.12	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.13	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.026	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.026	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.013	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.013	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9069	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9070	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.013	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9071	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9090	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.136	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.136	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.136	RC9	0.01	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.000	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.136	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.136	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.281	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.281	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.281	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.281	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.281	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.281	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9679	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.028	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9680	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.028	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.028	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9695	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9714	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.028	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9729	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9744	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9750	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.065	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.065	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.065	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.065	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9794	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.028	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.014	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.028	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.028	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9795	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.413	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.413	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9810	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.753	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.130	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.753	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9829	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9844	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9859	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.848	RC1	0.01	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9865	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.032	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.032	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.065	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.032	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9915	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.424	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10010	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10012	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
z-direction						
10013	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC1	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10015	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10017	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.724	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.431	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10018	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.115	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.115	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10020	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.724	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.724	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.862	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.862	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.862	RC9	0.00	≤ 1	CS221)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.862	RC2	0.03	≤ 1	SE401)		
	0.862	RC3	0.02	≤ 1	SE402)		
	0.862	RC4	0.02	≤ 1	SE403)		
10021	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.115	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.000	RC9	0.01	≤ 1	CS116)		
	0.000	RC9	0.01	≤ 1	CS121)		
	0.115	RC1	0.01	≤ 1	CS141)		
	0.000	RC9	0.01	≤ 1	CS151)		
	0.115	RC9	0.00	≤ 1	CS161)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.057	RC2	0.00	≤ 1	SE401)		
	0.057	RC3	0.00	≤ 1	SE402)		
	0.057	RC4	0.00	≤ 1	SE403)		
10025	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	2.581	RC9	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.290	RC1	0.02	≤ 1	CS111)		
	0.000	RC9	0.01	≤ 1	CS116)		
	1.290	RC1	0.02	≤ 1	CS141)		
	0.000	RC9	0.01	≤ 1	CS151)		
	0.860	RC9	0.00	≤ 1	CS161)		
	0.000	RC2	0.00	≤ 1	SE400)		
	1.290	RC2	0.06	≤ 1	SE401)		
	1.290	RC3	0.04	≤ 1	SE402)		
	1.290	RC4	0.04	≤ 1	SE403)		
10026	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.086	RC9	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.172	RC1	0.01	≤ 1	CS111)		
	0.000	RC9	0.00	≤ 1	CS116)		
	0.172	RC1	0.01	≤ 1	CS141)		
	0.000	RC9	0.00	≤ 1	CS151)		
	0.086	RC9	0.00	≤ 1	CS161)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.086	RC2	0.00	≤ 1	SE401)		
	0.086	RC3	0.00	≤ 1	SE402)		
	0.086	RC4	0.00	≤ 1	SE403)		
10028	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y
	2.581	RC9	0.00	≤ 1	CS101)		
	0.000	RC9	0.00	≤ 1	CS102)		
	1.290	RC1	0.02	≤ 1	CS111)		
	0.000	RC9	0.01	≤ 1	CS116)		
	1.290	RC1	0.02	≤ 1	CS141)		
	0.000	RC9	0.01	≤ 1	CS151)		
	1.290	RC9	0.00	≤ 1	CS161)		
	1.290	RC9	0.01	≤ 1	CS181)		
	0.000	RC9	0.01	≤ 1	CS201)		
	1.290	RC9	0.00	≤ 1	CS221)		
	0.000	RC2	0.00	≤ 1	SE400)		
	1.290	RC2	0.06	≤ 1	SE401)		
	1.290	RC3	0.04	≤ 1	SE402)		
	1.290	RC4	0.04	≤ 1	SE403)		
	0.860	RC2	0.00	≤ 1	SE406)		
	0.860	RC3	0.00	≤ 1	SE407)		
	0.860	RC4	0.00	≤ 1	SE408)		

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
10029	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.172	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.172	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.086	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10046	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10048	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10049	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10051	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10052	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.724	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.724	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.293	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.431	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.431	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.431	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10053	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.115	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.057	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10055	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.724	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.724	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.724	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.293	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.431	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.724	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.293	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.862	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.862	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.862	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10056	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.115	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.115	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.115	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10058	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.057	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.057	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.057	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.581	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.290	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.581	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.290	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.581	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.720	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10059	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.086	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.172	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.172	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.086	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10061	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.445	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.445	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.445	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.445	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.445	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.445	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.222	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.222	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.222	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10062	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.172	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.172	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.172	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.172	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
10079	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10081	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
10082	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10084	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10085	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.724	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.724	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.724	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.293	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.431	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.431	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.431	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.431	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10086	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.115	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.057	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.057	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.057	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10087	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.241	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.241	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.241	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10088	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.724	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.862	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.862	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.431	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.862	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.431	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.10 and 6.2.9	
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.431	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.431	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.431	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10089 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.115	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.057	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.115	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.115	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.057	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.115	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.057	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.057	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.057	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.057	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10090 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	1.137	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.137	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.379	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.379	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.758	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.137	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.379	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.758	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.379	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.379	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.379	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10091 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	2.581	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	2.581	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.290	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.290	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.430	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	2.581	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.151	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.860	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.860	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.860	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10092 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.086	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.172	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.172	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.086	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.172	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.172	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.086	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.086	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.086	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.086	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10093 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
0.376	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.752	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.752	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.752	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.752	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.376	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.376	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.376	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10094 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
2.581	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
2.581	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.290	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
1.290	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
1.290	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1		
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
2.581	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.860	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.860	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.860	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10095 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
0.086	RC1	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.172	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.172	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.172	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.172	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Negligible deformations
	0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10490	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.255	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.418	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.418	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.836	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.836	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10491	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.886	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.886	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.943	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.943	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.943	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.886	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.886	RC9	0.22	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.886	RC9	0.22	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.415	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.415	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.415	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10492	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.418	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.255	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.418	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.255	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.418	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.418	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10493	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		1.886	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.886	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.943	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.943	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.943	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.886	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.943	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.34	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.34	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.943	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.415	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.415	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10494	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.255	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.255	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.418	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.255	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.418	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.255	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.836	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.836	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10495	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.886	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.943	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.943	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.886	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.472	RC9	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.472	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.943	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.943	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.943	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10496	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.255	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.418	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.255	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.418	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.255	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.418	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.255	RC9	0.23	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.255	RC9	0.23	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.418	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.418	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10497	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.886	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.943	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.886	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.943	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.943	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.943	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.943	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10498	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.255	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.418	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.418	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.836	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.418	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.418	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.418	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10499	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.886	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.886	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.943	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.943	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.943	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.886	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.415	RC9	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.415	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.415	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.415	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.415	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10642	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.752	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.752	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10689	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.241	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10690	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.137	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.379	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.379	RC1	0.00	≤ 1	CS141)	or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.379	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.758	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.379	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10691	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10692	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.752	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.752	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.752	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10696	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.241	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.241	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.241	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.241	RC9	0.14	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.241	RC9	0.14	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10697	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.137	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.137	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.379	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.379	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.379	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.758	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.379	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.137	RC9	0.22	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.137	RC9	0.22	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.758	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10698	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.508	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10710	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.241	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10711	0.121	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.137	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.758	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.758	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.379	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.379	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.379	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.379	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.379	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.379	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10712	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.508	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10734	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.189	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.189	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.396	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.189	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.396	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.189	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.793	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.793	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.189	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.793	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.189	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.189	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.793	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10735	0.793	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.793	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.082	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.082	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
0.082	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.082	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.082	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.082	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.11	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
0.082	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.082	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.041	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10736	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.788	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.894	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.894	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.447	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.894	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.788	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.341	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.894	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.894	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.894	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10737	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.123	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.123	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.123	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.123	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
0.123	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.123	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.123	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.062	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.062	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.062	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10738	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.189	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.396	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.189	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.396	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.189	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.793	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.189	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.793	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.793	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.396	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10739	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.082	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.082	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.082	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.082	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.082	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.082	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.082	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.041	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10740	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.788	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.894	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.788	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.894	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.788	RC1	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.341	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.894	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.788	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.341	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.341	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.341	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.341	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10741	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.123	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.123	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.123	RC9	0.14	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.062	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.123	RC9	0.14	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.123	RC9	0.16	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.123	RC9	0.17	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.123	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.15	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.123	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.062	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.18	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.123	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.123	RC9	0.21	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.123	RC9	0.69	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.062	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.062	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.062	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10742	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.189	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.396	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.396	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.396	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.189	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.793	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10743	0.793	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.793	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.082	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.082	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.082	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
0.082	RC9	0.09	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.082	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
0.082	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
0.082	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.082	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
0.082	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.041	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10744 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
1.788	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.894	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.894	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.447	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.788	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.341	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.447	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.447	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.447	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10745 Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.123	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.123	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.123	RC9	0.11	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.123	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.123	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.123	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.123	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.062	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.062	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.062	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10746	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.189	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.396	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.396	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.396	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.396	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.793	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.396	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.793	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.396	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.396	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.396	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10747	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.082	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.082	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.082	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.082	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.082	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.082	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.082	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
10748	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.788	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.894	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.894	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.894	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.788	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.341	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.447	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.447	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.447	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10749	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.123	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.123	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.123	RC9	0.16	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.123	RC9	0.17	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.123	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.123	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.123	RC9	0.40	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.123	RC9	0.26	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.062	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.062	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.062	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10750	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.189	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.396	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.396	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.793	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.396	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.793	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.793	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.396	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.396	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10751	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.082	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.082	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.082	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.082	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.082	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.082	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.082	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.041	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.041	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.041	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10752	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.788	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.894	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.894	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.894	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.788	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.341	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.447	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.447	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.447	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10753	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.123	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.123	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.123	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.123	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.123	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.062	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.123	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.062	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.062	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.062	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10845	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.365	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10846	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.365	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10847	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.365	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10848	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.365	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
10849	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.491	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.491	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.246	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10850	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.491	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.491	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.246	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.491	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.491	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10851	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.246	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.491	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.491	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.246	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
10852	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.491	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.491	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.491	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.246	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10854	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.376		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.752		RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.752		RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.752		RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.752		RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.376		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.376		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.376		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.376		RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.376		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.376		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10856	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.508	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.508	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10898	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.183	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.365	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.365	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.183	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.365	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
10899	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.365	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	10900	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.365		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.365		RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.365		RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.365		RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.365		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.183		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.183		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.183		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.183		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.183		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10901	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.365	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.365	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.183	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.365	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10902	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.491	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.491	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
10903	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.491	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.491	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.491	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.246	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10904	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.246	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.491	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.491	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10905	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.491	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.491	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.491	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
11089	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.239	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.239	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.239	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11090	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.272		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.848		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.272		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.848		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.272		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.848		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6	

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11091	0.848	RC1	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.826	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
11092	1.239	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
11093	1.272	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.424	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
11094	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.413	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.330	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.330	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11095	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.826	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.239	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11096	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11097	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11098	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.272	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.272	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.272	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11099	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11100	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.826	RC9	0.00	≤ 1	CS221)		
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.272	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.272	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11101	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.413		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.239		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.413		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.239		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.826		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.413		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.239		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.826		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11102		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.272	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.272	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.424	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11103	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.413		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.239		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.413		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.239		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.826		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.413		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.239		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.826		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11104		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.272	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11105	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.826	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11106	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.130	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11107	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.272	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.272	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.272	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11108	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11109	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11110	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11111	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
0.330		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.165		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.165		RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
0.330		RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.165		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.330		RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000		RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11112	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11113	0.032	RC9	0.00	≤ 1	CS166)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11114	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.826	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11115	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.753	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.753	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11116	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11117	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11118	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11119	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11120	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11121	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.065	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.065	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.065	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.032	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.065	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.032	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
11122	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11123	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.826	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11124	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.753	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.753	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.377	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11125	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.165	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11126	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.109	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11127	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11128	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11129	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.218	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.109	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.218	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.218	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11130	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.065	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.032	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.065	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11131	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.049	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.098	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11132	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.239	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.239	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.239	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.826	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.826	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.239	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	11133	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.130	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.130	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.377	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.377	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.377	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.377	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.377	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	11134	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.049		RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.098		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11135	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.218	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.218	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11136	0.000	RC9	0.01	≤ 1	CS221)	6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.049	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11137	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.239	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.239	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.413	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.826	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.413	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.239	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.826	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.826	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1.239	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	11237	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.256		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.838		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.256		RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.838		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.256		RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.838		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.419		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.256		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.838		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1.256		RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11238	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.419	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.838	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11239	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11240	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.455	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.455	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11241	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.256	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.838	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.838	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11242	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11243	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11244	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.364	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.455	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.364	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.455	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.364	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11245	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.256	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.838	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.838	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11246	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.256	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11247	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11248	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.364	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.364	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.455	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11249	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.256	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.838	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.838	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11250	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11251	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.364	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.455	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11252	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.364	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.364	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11253	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.256	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.838	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.838	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.256	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11254	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11255	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.364	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11256	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.455	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.455	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11257	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.659	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.372	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.372	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.659	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	11258	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.659	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	11259	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	3.971	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.971	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.993	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.993	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11260	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.971	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	3.971	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.978	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.978	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11261	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.659	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11262	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11263	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.971	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	3.971	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11264	2.978	RC1	0.04	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.971	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.482	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11265	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.659	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3.659	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
3.659	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
3.201	RC1	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11266	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.659	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.744	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11267	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.971	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11268	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.971	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.971	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	3.971	RC9	0.02	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.000	RC1	0.00	≤ 1	CS121)	or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.993	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.986	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11269	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.659	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11270	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3.659	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11271	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11272	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.482	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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						to 6.2.10 and 6.2.9	
11273	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3	
	3.659	RC9	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4	
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	3.659	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	3.659	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.659	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11274	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces	
3.659		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.829		RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
3.659		RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
1.829		RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
3.659		RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.829		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
3.659		RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
11275		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		3.971	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.986	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.986	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11276	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.000		RC9	0.00	≤ 1	CS100)	Negligible internal forces	
3.971		RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.986		RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
3.971		RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
1.986		RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
3.971		RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.986		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.986		RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
3.971		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.489		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11277		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.659	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	3.659	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11278	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.659	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	3.659	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	3.659	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	3.659	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.829	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	1.829	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.829	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
11279	1.829	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.659	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.287	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	3.971	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	3.971	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	3.971	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	3.971	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	3.971	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.978	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
11280	1.986	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.986	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	3.971	RC9	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	3.971	RC9	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	3.971	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	3.971	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.986	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	1.986	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.993	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
11290	1.986	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	3.971	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.986	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11291	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.737	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.434	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.737	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11292	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	4.026	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.789	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.789	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.342	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.237	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11293	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.476	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11294	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.222	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.889	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.889	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.333	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.333	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.222	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.778	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.222	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11295	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.472	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.472	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.483	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.472	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.977	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.483	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.472	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11296	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11297	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.737	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.434	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.737	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11298	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.789	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.789	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.237	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.789	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						2
11299	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	11300	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
2.222		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
2.222		RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.889		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
2.222		RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.889		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
2.222		RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.444		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
1.333		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
2.222		RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.778		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2.222		RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11301		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.472	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.472	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.977	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.989	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.472	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.472	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11302	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11303	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
1.737		RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.737		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.868		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.737		RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11304	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.237	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.237	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.789	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11305	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11306	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.222	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.222	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.333	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.333	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.778	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.333	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.222	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.778	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11307	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.472	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.483	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.472	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.977	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.483	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.472	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
						to 6.2.10 and 6.2.9	
11308	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.952	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11309	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	1.737	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.737	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11310	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
4.026		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.237		RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.237		RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.789		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
2.237		RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.789		RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
4.026		RC1	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11311		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.476	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.952	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11312	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		2.222	RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.333		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
2.222		RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11313	1.333	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.778	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.472	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.483	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11314	1.977	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.483	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11315	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.737	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.737	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.737	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.737	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11316	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.237	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.789	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.789	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	4.026	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
4.026	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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Model: Oikia Paidwn_phase 2_R10

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						2
11317	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.476	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.952	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11318	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.222	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.889	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.889	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.778	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
11319	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.472	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.483	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.472	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.483	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.989	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
2.472	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11320	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.476	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11321	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.737	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.737	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11322	0.434	RC1	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.237	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.684	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.342	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
4.026	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11323	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11324	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.222	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.333	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.333	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.778	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
2.222	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
11325	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	2.472	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.483	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.989	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.483	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.494	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11326	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

Project:

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.08	≤ 1	CS116)	or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1
	0.000	RC9	0.01	≤ 1	CS123)	or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11327	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.737	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.737	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11328	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.789	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.789	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.237	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4.026	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.237	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11329	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11330	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.222	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.333	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.333	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.778	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.889	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.222	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.778	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11331	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.472	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.483	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.472	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.977	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.483	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2.472	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.977	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11332	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.476	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11333	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.737	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.737	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.303	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.737	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.737	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.737	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.737	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11334	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4.026	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4.026	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.579	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4.026	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11335	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11336	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.860	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.860	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.930	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.930	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.465	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.930	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.465	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
1.860	RC1	0.27	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2		
1.860	RC1	0.27	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2		
1.860	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
11337	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.989	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	2.472	RC9	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.989	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	2.472	RC9	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.977	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.989	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	2.472	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.977	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11338	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
11339	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.737	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.737	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.868	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.868	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.434	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.868	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.737	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.303	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.737	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.737	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11340	1.737	RC9	0.06	≤ 1	ST364)	and 6.3.1.2(4) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11341	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.481	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.987	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.987	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.987	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.481	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.987	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.987	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.481	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.987	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.481	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
1.481	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11344	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.244	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.415	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.415	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.415	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11345	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.244	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.244	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.829	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.415	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.244	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.829	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.829	RC9	0.00	≤ 1	CS221)	acc. to 6.2.9.1
	0.000	RC9	0.26	≤ 1	ST364)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11346	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.244	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.244	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.829	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.244	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11347	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.244	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.244	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.829	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.415	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.244	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.829	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.244	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.829	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11348	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.244	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.415	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11357	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.455	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.364	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.455	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.364	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.455	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.364	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11358	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.909	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.455	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.909	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC9	0.26	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1.364	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11359	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.364	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.364	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.455	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11360	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.909	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.455	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.455	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1.364	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11361	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.364	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.455	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.364	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.364	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.364	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.364	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11370	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.364	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.364	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.364	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11371	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11372	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11373	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.364	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.455	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11374	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.364	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.909	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.364	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11385	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.146	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.146	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.764	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.146	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11386	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.146	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.146	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.146	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.764	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.146	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11387	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.146	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.146	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.146	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.764	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.146	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11388	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.146	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.146	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.146	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.146	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.764	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.146	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.146	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
11389	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.146	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.146	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.146	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.146	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.146	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11398	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.419	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.419	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11399	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.419	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.256	RC9	0.06	≤ 1	CS206)	acc. to 6.2.9.1
	0.419	RC9	0.00	≤ 1	CS221)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC9	0.15	≤ 1	CS271)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11400	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.419	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC9	0.04	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.838	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC9	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11401	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.419	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC9	0.06	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.06	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.838	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1.256	RC9	0.11	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
11402	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.256	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.419	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.838	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.419	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.256	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.838	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11409	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.256	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.256	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.838	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.838	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.838	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.419	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.419	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.256	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
1.256	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
11410	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.256	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.256	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.838	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.838	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.838	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.256	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.256	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.256	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.256	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	11411	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.256		RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.419		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.419		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.838		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.256		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.838		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
1.256		RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
1.256		RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
1.256		RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11412		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.256	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.838	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.256	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.838	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.256	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.838	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.419	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.256	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11413	1.256	RC1	0.03	≤ 1	ST301)	to 6.2.10 and 6.2.9 Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.256	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.256	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.256	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.838	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.838	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.419	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.256	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11419	1.256	RC1	0.03	≤ 1	ST301)
1.256		RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.256		RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.146		RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.382		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.146		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.764		RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.382		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
11420		1.146	RC1	0.00	≤ 1	CS151)
	0.382	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.146	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.764	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.146	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.382	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.146	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.382	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
11421	1.146	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.764	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.764	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.146	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.382	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.382	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11422	0.000	RC9	0.05	≤ 1	ST364)	and 6.3.1.2(4) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.146	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.764	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.764	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.764	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.382	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.764	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.382	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11423	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC9	0.00	≤ 1	CS100)	Negligible internal forces
1.146		RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.764		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.764		RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.764		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.382		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.382		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.382		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000		RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11425	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11426	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11428	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.338	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.338	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.446	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.892	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11429	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11431	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.446	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.446	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11432	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11434	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11435	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11437	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11438	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11440	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.338	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.446	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.338	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11441	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.414	RC9	0.00	≤ 1	CS221)	
11443	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11444	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.414	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.414	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11446	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.338	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11447	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11449	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.892	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.892	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.338	RC9	0.04	≤ 1	CS151)	6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.892	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11450	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11452	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.338	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11453	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11455	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.338	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.338	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.446	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.338	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.446	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.338	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.892	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.446	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.338	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.892	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11456	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11458	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.338	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.892	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.892	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.446	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.892	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.446	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11459	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.242	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.242	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.242	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11465	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11466	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11467	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11468	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11469	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11470	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11471	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11472	0.387	RC1	0.00	≤ 1	CS161)
0.774		RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.387		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1.161		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.161		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.387		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.387		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
11473		0.000	RC1	0.00	≤ 1	CS151)
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.161	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	11474	0.387	RC1	0.00	≤ 1	CS141)
0.000		RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.387		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.387		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.000		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.161		RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.774		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.774		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
11475		0.000	RC9	0.04	≤ 1	CS151)
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11476	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.161	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11501	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.161	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.161	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.161	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11502	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.161	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.161	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.774	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11503	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC1	0.00	≤ 1	CS100)	Negligible internal forces
1.161		RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.387		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.161		RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.387		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.161		RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.387		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.774		RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.387	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
11504	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.161	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.161	RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.161	RC9	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.161	RC9	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.774	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11505	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006			
0.000		RC1	0.00	≤ 1	CS100) Negligible internal forces
1.161		RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.387		RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.161		RC1	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.387		RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.161		RC1	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.774		RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.774		RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.161		RC1	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.774	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11506	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.161	RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.387	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.161	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.161	RC1	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.774	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11507	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.161	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.161	RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.161	RC9	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.774	RC9	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.774	RC1	0.00	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.161	RC9	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.774	RC9	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11508	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	1.161	RC1	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.774	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.161	RC9	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.774	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.161	RC9	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description		
	0.774	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
	0.774	RC1	0.00	≤ 1	CS181)			
	1.161	RC9	0.01	≤ 1	CS201)			
	0.774	RC9	0.00	≤ 1	CS221)			
11509	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	1.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
	1.161	RC1	0.00	≤ 1	CS101)			
	0.000	RC9	0.00	≤ 1	CS102)			
	0.387	RC1	0.00	≤ 1	CS111)			
	1.161	RC9	0.03	≤ 1	CS116)			
	0.387	RC1	0.00	≤ 1	CS141)			
	1.161	RC9	0.03	≤ 1	CS151)			
	0.774	RC9	0.00	≤ 1	CS161)			
	0.774	RC1	0.00	≤ 1	CS181)			
	1.161	RC9	0.03	≤ 1	CS201)			
	0.774	RC9	0.00	≤ 1	CS221)			
11510	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	1.161	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
	0.000	RC9	0.00	≤ 1	CS102)			
	0.387	RC1	0.00	≤ 1	CS111)			
	1.161	RC9	0.03	≤ 1	CS116)			
	0.387	RC1	0.00	≤ 1	CS141)			
	1.161	RC9	0.03	≤ 1	CS151)			
	0.774	RC9	0.00	≤ 1	CS161)			
	1.161	RC1	0.01	≤ 1	CS201)			
	0.387	RC9	0.00	≤ 1	CS221)			
	11511	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC1	0.00	≤ 1		CS100)	Negligible internal forces Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.387		RC1	0.00	≤ 1	CS111)			
1.161		RC9	0.03	≤ 1	CS116)			
0.387		RC1	0.00	≤ 1	CS141)			
1.161		RC9	0.03	≤ 1	CS151)			
0.774		RC9	0.00	≤ 1	CS161)			
11512	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
	1.161	RC9	0.01	≤ 1	CS101)			
	0.000	RC9	0.01	≤ 1	CS102)			
	0.387	RC1	0.00	≤ 1	CS111)			
	0.000	RC9	0.00	≤ 1	CS116)			
	0.387	RC1	0.00	≤ 1	CS141)			
	0.000	RC9	0.00	≤ 1	CS151)			
	0.387	RC9	0.00	≤ 1	CS161)			
	0.387	RC1	0.00	≤ 1	CS181)			
	1.161	RC9	0.01	≤ 1	CS201)			
	0.387	RC9	0.00	≤ 1	CS221)			
11526	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
	1.272	RC1	0.01	≤ 1	CS101)			
	0.424	RC1	0.01	≤ 1	CS111)			
	0.000	RC9	0.02	≤ 1	CS116)			
	0.424	RC1	0.01	≤ 1	CS141)			
	0.000	RC9	0.02	≤ 1	CS151)			
0.424	RC9	0.00	≤ 1	CS161)				

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11527	0.848	RC1	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11528	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11529	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
11530	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
11531	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11532	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11533	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11534	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.424	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11535	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11536	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11537	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11550	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11551	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11552	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11553	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
11553	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.272	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.272	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.272	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	11554	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.272		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.848		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.272		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.848		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.272		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.424		RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.848		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.272		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.848		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
11555		1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.848	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.424	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	11556	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.272		RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.848		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.848		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.424		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.848		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.424		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
11557		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11558	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11559	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.424	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11560	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.272	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.272	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.848	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.272	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11561	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.272	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.424	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.848	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.272	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.272	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.272	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11574	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11575	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.378	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.378	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11576	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11577	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11578	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.133	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.378	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.378	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11579	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11580	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11581	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11582	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11583	1.133	RC9	0.03	≤ 1	CS201)	6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.378	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.378	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
1.133	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11584	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.755	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.133	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.755	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.133	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.755	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.133	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11585	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.133	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.133	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.378	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.378	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.378	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.378	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.133	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.755	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.133	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11598	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11599	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.242	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.242	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11600	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11601	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
1.242		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.242		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.828		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.242		RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.828		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.242		RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.828		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.828		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
1.242		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.828		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11602		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.414	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11603	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
1.242		RC9	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.242		RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.828		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.242		RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.828		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.242		RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.828		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.414		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
11604	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.414	RC9	0.00	≤ 1	CS221)		Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.242	RC9	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.414	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.242	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.414	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.242	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.242	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11605	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.242	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.242	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.242	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.242	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	11606	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
1.242		RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.242		RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.828		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.828		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.414		RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.828		RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.414		RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11607		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.242	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.242	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.242	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.828	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	1.242	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	11608	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		1.242	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.242	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.242	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.828	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.242	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.828	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.414	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11609	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.242	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.242	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.414	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.414	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.242	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.242	RC9	0.07	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.828	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.828	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1.242	RC9	0.15	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1.242	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

Project:

Model: Oikia Paidwn_phase 2_R10

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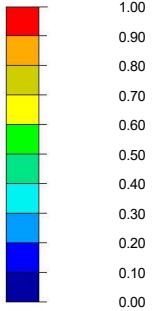
DESIGN RATIO

RF-STEEL EC3 CA4

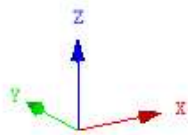
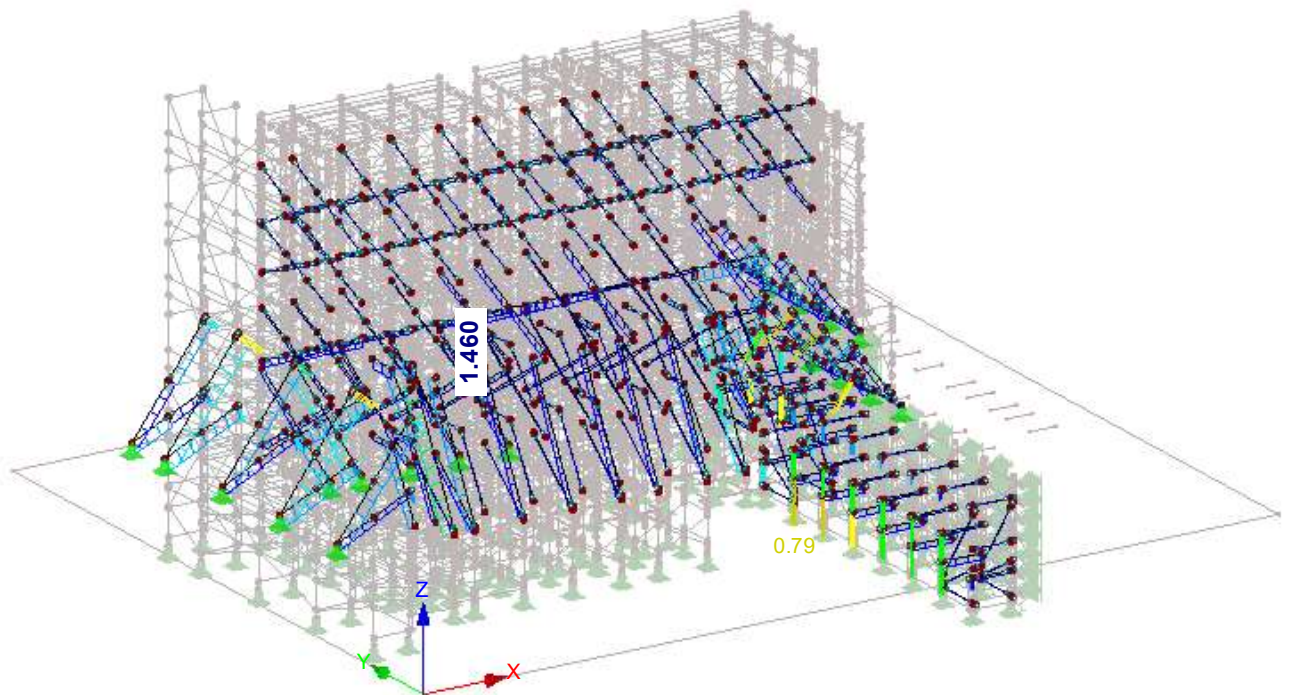
Isometric

Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Max
Design Ratio [-]



Max : 0.79
Min : 0.00



Max Design Ratio: 0.79

1.1.1 GENERAL DATA

Members to design:	511,512,514,515,590,591,614,615,1171,1173-1176,1444,1445,1456,1457,1474,2584,2587,2601,2604,2658,2666,2706,2714,2752,2760,2794,2802,2842,2850,2890,2898,2934,2942,2978,2986,3338,3376,3384,3418,3426,3466,3474,3514,3522,3558,3566,3602,3610,3640,5400,5403,5404,5958,5959,5962-5964,5968-5970,5996,5997,6192-6194,6197,6198,6202-6204,6230,6231,6327,6332,6716,6718,6720,6722,6733,6735,6737,6739,6764,6766,6768,6770,6795,6797,6799-6801,6806,6826,6828,6830-6832,6857,6859,6861-6863,6867,6888,6890-6894,6898,6919,6921-6923,6925,6929,6950,6952-6954,6956,6960,6981,6983-6985,6987,6991,7014-7018,7022,7043,7045-7049,7058,7281,7292,7303-7384,7596,7791-7793,7804-7813,7817,7838-7842,7845-7848,7868-7870,7881-7890,7894,7896-7900,7903-7909,7920-7929,7933,7935-7939,7942-7948,7959-7968,7972,7974-7978,7981-7984,8004-8007,8017-8023,8032,8051,8058-8061,8081-8083,8094-8100,8116-8122,8133-8139,8155-8161,8172-8178,8194-8197,8217-8219,8230-8236,8271-8274,8294-8296,8307-8313,8316,8320,8321,8326,8328-8336,8340,8341,8346-8355,8359,8361-8363,8368-8374,8385-8389,8409,8410,8425-8429,8437,8438,8461-8484,8488-8493,8806-8809,8813,8814,8820,8821,8938-8941,8943,8946,8949-8952,8954-8959,8961-8966,8968-8973,8975-8980,8982-8986,8989,8993-8998,9000,9001,9029,9032,9035,9036,9038-9043,9045-9050,9052-9057,9059,9060,9266,9268,9273,9275,9526-9528,9533-9539,9549-9552,9562-9564,9569-9582,9587-9600,9605,9610,9655-9660,9662-9669,9675-9678,9690-9694,9710-9713,9715-9719,9725-9728,9730-9734,9740-9743,9745-9749,9760-9765,9779-9784,9790-9793,9805-9809,9825-9828,9830-9834,9840-9843,9845-9849,9855-9858,9860-9864,9875-9900,9904-9910,10011,10031-10038,10060,10063-10071,10097-10104,10113-10115,10117-10119,10128-10130,10139-10141,10150-10152,10162,10163,10173,10174,10183-10185,10193-10196,10199,10200,10231,10232,10254,10255,10263,10264,10274-10305,10332-10347,10500-10506,10508-10514,10516-10524,10652,10654,10705-10709,10754-10771,10776-10793,10798-10813,10833,10836-10839,10841,10843,10844,10886,10889-10891,10896,10897,11500,11513,11763,11765
Sets of members to design:	524-547,549,551-555,557-559,561-563,565-567,569,571,573,575,577-615,617,619,621,623-643,724-741,743-745,747-749,752,753,756-761,764,765,768,769,772-928,1029-1100
Design according to Standard:	EN 1995-1-1:2004/A2:2014
Ultimate Limit State Design Result combinations to design:	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10 RC9 seismos x+
Serviceability Limit State Design Result combinations to design:	RC2 SLS - Characteristic RC3 SLS - Frequent RC4 SLS - Quasi-permanent

1.2 MATERIALS

Matl. No.	Description	Factor Category	Comment
2	Poplar and Softwood Timber C16 EN 338-16	Solid Timber	

1.3.1 CROSS-SECTIONS

T-Rectangle 75/150



Sect. No.	Matl. No.	Cross-section Description [mm]	Max Design Ratio	Comment
6	2	T-Rectangle 75/150	1.03	

1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
LC1	SW	Permanent	Permanent
LC2	LL	Imposed - Category A: domestic, residential areas	Permanent
LC3	LL + 10% y	Imposed - Category A: domestic, residential areas	Permanent
LC4	LL + 10% x	Imposed - Category A: domestic, residential areas	Permanent
CO1	1.35*LC1	-	Permanent
CO2	1.35*LC1 + 1.5*LC2	-	Permanent
CO3	1.35*LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO4	1.35*LC1 + 1.5*LC3	-	Permanent
CO5	1.35*LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO6	1.35*LC1 + 1.5*LC4	-	Permanent
CO7	LC1	-	Permanent
CO8	LC1 + 1.5*LC2	-	Permanent
CO9	LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO10	LC1 + 1.5*LC3	-	Permanent
CO11	LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO12	LC1 + 1.5*LC4	-	Permanent
CO13	LC1	-	Permanent
CO14	LC1 + LC2	-	Permanent
CO15	LC1 + LC2 + LC4	-	Permanent
CO16	LC1 + LC3	-	Permanent
CO17	LC1 + LC3 + LC4	-	Permanent
CO18	LC1 + LC4	-	Permanent
CO19	LC1	-	Permanent
CO20	LC1 + 0.5*LC2	-	Permanent

Project:

Model: Oikia Paidwn_phase 2_R10

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1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
CO21	LC1 + 0.5*LC2 + 0.5*LC4	-	Permanent
CO22	LC1 + 0.5*LC3	-	Permanent
CO23	LC1 + 0.5*LC3 + 0.5*LC4	-	Permanent
CO24	LC1 + 0.5*LC4	-	Permanent
CO25	LC1	-	Permanent
CO26	LC1 + 0.3*LC2	-	Permanent
CO27	LC1 + 0.3*LC2 + 0.3*LC4	-	Permanent
CO28	LC1 + 0.3*LC3	-	Permanent
CO29	LC1 + 0.3*LC3 + 0.3*LC4	-	Permanent
CO30	LC1 + 0.3*LC4	-	Permanent
RC9	seismos x+	-	Permanent

Service Class SECL

Service Class 1: Identical for All Members/Sets of Members

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	K _{cr,y}	L _{cr,y} [m]	Possible	K _{cr,z}	L _{cr,z} [m]	Possible	Define L _{cr} / M _{cr}	L _{cr} [m] / M _{cr} [kNm]
524	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
525	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
531	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
532	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
533	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
534	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
535	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
537	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
538	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
539	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
541	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
542	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
543	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
544	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	1.000	1.583	<input checked="" type="checkbox"/>	As member length	1.583
545	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	1.000	0.150	<input checked="" type="checkbox"/>	As member length	0.150
546	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	1.000	1.007	<input checked="" type="checkbox"/>	As member length	1.007
547	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
549	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
551	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
552	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
553	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
554	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
555	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
562	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
563	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
565	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
566	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
567	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
569	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
571	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
573	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
575	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
577	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
578	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
579	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
580	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
581	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
582	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
583	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
584	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
585	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
586	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
587	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
588	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
589	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
590	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
591	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
592	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
593	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
594	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
595	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
596	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
597	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
598	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
599	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
601	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
602	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
603	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
604	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
605	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
606	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
607	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
608	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
609	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
610	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
611	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
612	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
613	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
614	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
615	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
617	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
619	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
621	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
623	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
624	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
625	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
626	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
627	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
628	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
629	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
630	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
631	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
632	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
633	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
634	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
635	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
636	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
637	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
638	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
639	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
640	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	1.000	0.850	<input checked="" type="checkbox"/>	As member length	0.850
641	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
642	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
643	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	1.000	0.590	<input checked="" type="checkbox"/>	As member length	0.590
724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	As member length	1.470
725	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
726	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	As member length	1.470
727	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
728	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	As member length	1.470
729	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
730	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	As member length	1.470
731	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
732	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	1.000	1.470	<input checked="" type="checkbox"/>	As member length	1.470
733	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
734	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
735	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
736	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
737	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
740	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	As member length	2.000
741	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
743	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
744	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	As member length	2.000
745	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
747	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
748	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	1.000	2.000	<input checked="" type="checkbox"/>	As member length	2.000
749	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
752	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
753	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
757	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
758	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
759	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
760	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
761	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
764	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
765	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
768	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
769	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
772	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	1.000	0.933	<input checked="" type="checkbox"/>	As member length	0.933
773	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
774	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
775	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
776	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
777	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
778	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
779	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
780	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
781	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
782	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
783	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
784	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
785	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
786	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
787	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
788	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.110	<input checked="" type="checkbox"/>	1.000	0.110	<input checked="" type="checkbox"/>	As member length	0.110
789	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
790	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
791	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
792	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
793	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
794	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
795	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
796	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
797	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
798	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
799	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
801	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
802	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
803	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
804	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
805	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
806	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
807	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
808	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
809	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
810	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
811	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
812	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
813	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
814	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
815	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
816	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
817	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
818	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
819	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
820	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
821	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
822	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
823	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.210	<input checked="" type="checkbox"/>	1.000	0.210	<input checked="" type="checkbox"/>	As member length	0.210
830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	1.000	0.500	<input checked="" type="checkbox"/>	As member length	0.500
831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.090	<input checked="" type="checkbox"/>	1.000	0.090	<input checked="" type="checkbox"/>	As member length	0.090
832	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
833	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
834	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
835	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
836	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
837	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
838	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
839	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.410	<input checked="" type="checkbox"/>	1.000	0.410	<input checked="" type="checkbox"/>	As member length	0.410
840	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.390	<input checked="" type="checkbox"/>	1.000	0.390	<input checked="" type="checkbox"/>	As member length	0.390
841	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
842	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
843	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
844	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
845	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
846	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
847	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
848	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
850	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
851	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
852	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
853	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
854	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
855	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
857	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
858	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
859	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
860	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
861	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
862	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
863	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
864	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
865	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
867	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
868	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
869	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
870	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
871	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
872	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
873	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
874	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
875	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
876	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
877	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
878	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
879	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
880	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
881	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
882	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
883	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
884	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
885	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
886	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
887	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
888	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
889	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
890	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
891	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
892	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
893	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
894	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
895	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
896	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
897	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
898	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
899	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
901	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
902	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
903	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
904	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
905	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
906	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
907	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
908	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
909	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
910	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
911	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
912	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
913	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
914	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
915	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
916	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
917	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
918	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
919	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
920	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	1.000	0.700	<input checked="" type="checkbox"/>	As member length	0.700
921	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
922	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
923	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
924	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
925	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
926	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
927	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
928	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1029	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1030	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1031	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1032	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1033	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1034	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1035	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1036	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1037	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1038	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1039	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1040	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1041	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1042	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1043	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1045	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1046	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1047	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1048	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1049	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1051	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1052	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1053	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1054	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1055	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1056	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1057	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1058	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1059	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1060	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1061	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1062	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1063	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1064	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1065	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1066	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1067	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1068	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1069	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1070	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1071	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1072	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1073	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1078	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1079	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1080	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1081	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1083	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
1084	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1085	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1086	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1087	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1088	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1090	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1091	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1092	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1093	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1094	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1095	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1096	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1097	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1098	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800
1099	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
1100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	1.000	0.800	<input checked="" type="checkbox"/>	As member length	0.800

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		$w_{c,y}$ [mm]	$w_{c,z}$ [mm]	
1	Member	511	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
2	Member	512	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
3	Member	514	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
4	Member	515	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
5	Member	590	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
6	Member	591	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
7	Member	614	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
8	Member	615	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
9	Member	1171	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
10	Member	1172	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
11	Member	1173	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
12	Member	1174	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
13	Member	1175	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
14	Member	1176	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
15	Member	1177	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
16	Member	1178	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
17	Member	1179	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
18	Member	1180	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
19	Member	1397	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
20	Member	1398	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
21	Member	1399	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
22	Member	1400	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
23	Member	1401	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
24	Member	1444	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
25	Member	1445	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
26	Member	1456	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
27	Member	1457	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
28	Member	1474	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
29	Member	2584	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
30	Member	2587	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
31	Member	2601	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
32	Member	2604	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
33	Member	2658	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
34	Member	2666	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
35	Member	3338	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
36	Member	3376	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
37	Member	3384	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
38	Member	3418	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
39	Member	3426	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
40	Member	3466	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
41	Member	3474	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
42	Member	3514	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
43	Member	3522	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
44	Member	3558	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
45	Member	3566	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
46	Member	3602	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
47	Member	3610	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
48	Member	3640	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
49	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
50	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
51	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
52	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
53	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
54	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
55	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
56	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
57	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
58	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
59	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
60	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
61	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
62	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
63	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
64	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
65	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
66	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
67	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
68	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
69	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
70	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
71	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
72	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
73	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
74	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
75	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
76	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
77	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
78	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
79	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
80	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
81	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
82	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
83	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
84	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
85	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
86	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
87	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
88	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
89	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
90	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
91	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
92	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
93	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
94	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
95	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
96	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
97	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
98	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
99	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
100	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
101	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
102	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
103	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
104	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
105	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
106	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
107	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
108	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
109	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
110	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
111	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
112	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
113	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
114	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
115	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
116	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
117	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
118	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
119	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
120	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
121	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
122	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
123	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
124	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
125	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
126	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
127	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
128	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
129	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
130	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
131	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
132	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
133	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
134	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
135	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
136	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
137	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
138	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
139	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
140	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
141	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
142	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
143	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
144	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
145	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
146	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
147	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
148	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
149	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
150	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
151	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
152	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
153	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
154	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
155	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
156	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
157	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
158	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
159	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
160	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
161	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
162	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
163	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
164	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project: Model: Oikia Paidwn_phase 2_R10 Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
165	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
166	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
167	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
168	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
169	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
170	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
171	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
172	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
173	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
174	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
175	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
176	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
177	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
178	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
179	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
180	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
181	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
182	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
183	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
184	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
185	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
186	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
187	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
188	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
189	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
190	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
191	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
192	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
193	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
194	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
195	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
196	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
197	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
198	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
199	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
200	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
201	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
202	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
203	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
204	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
205	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
206	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
207	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
208	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
209	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
210	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
211	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
212	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
213	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
214	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
215	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
216	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
217	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
218	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
219	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
220	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
221	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
222	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
223	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
224	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
225	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
226	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
227	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
228	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
229	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
230	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
231	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
232	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
233	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
234	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
235	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
236	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
237	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
238	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
239	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
240	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
241	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
242	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
243	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
244	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
245	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
246	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
247	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
248	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
249	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
250	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
251	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
252	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
253	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
254	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
255	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
256	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
257	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
258	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
259	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
260	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
261	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
262	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
263	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
264	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
265	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
266	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
267	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
268	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
269	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
270	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
271	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
272	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
273	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
274	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
275	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
276	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
277	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
278	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
279	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
280	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
281	Member	5400	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
282	Member	5401	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
283	Member	5402	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
284	Member	5403	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
285	Member	5404	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
286	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
287	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
288	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
289	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
290	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
291	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
292	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
293	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
294	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
295	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
296	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
297	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
298	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
299	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
300	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
301	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
302	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
303	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
304	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
305	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
306	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
307	Member	5958	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
308	Member	5959	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
309	Member	5960	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
310	Member	5961	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
311	Member	5962	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
312	Member	5963	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
313	Member	5964	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
314	Member	5968	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
315	Member	5969	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
316	Member	5970	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
317	Member	5971	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
318	Member	5995	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
319	Member	5996	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
320	Member	5997	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
321	Member	6192	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
322	Member	6193	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
323	Member	6194	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
324	Member	6195	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
325	Member	6196	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
326	Member	6197	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
327	Member	6198	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
328	Member	6202	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
329	Member	6203	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
330	Member	6204	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
331	Member	6205	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
332	Member	6229	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
333	Member	6230	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
334	Member	6231	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
335	Member	6327	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
336	Member	6332	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
337	Member	6573	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
338	Member	6574	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
339	Member	6575	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
340	Member	6576	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
341	Member	6577	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
342	Member	6578	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
343	Member	6579	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
344	Member	6580	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
345	Member	6581	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
346	Member	6582	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
347	Member	6583	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
348	Member	6584	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
349	Member	6585	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
350	Member	6586	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
351	Member	6587	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
352	Member	6588	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
353	Member	6589	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
354	Member	6590	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
355	Member	6591	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
356	Member	6592	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
357	Member	6612	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
358	Member	6613	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
359	Member	6614	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
360	Member	6615	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
361	Member	6616	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
362	Member	6617	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
363	Member	6618	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
364	Member	6619	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
365	Member	6620	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
366	Member	6621	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
367	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
368	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
369	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
370	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
371	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
372	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
373	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
374	Member	6709	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
375	Member	6710	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
376	Member	6711	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
377	Member	6712	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
378	Member	6713	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
379	Member	6714	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
380	Member	6715	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
381	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
382	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
383	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
384	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
385	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
386	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
387	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
388	Member	6726	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
389	Member	6727	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
390	Member	6728	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
391	Member	6729	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
392	Member	6730	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
393	Member	6731	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
394	Member	6732	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
395	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
396	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
397	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
398	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
399	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
400	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
401	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
402	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
403	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
404	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
405	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
406	Member	6757	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
407	Member	6758	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
408	Member	6759	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
409	Member	6760	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
410	Member	6761	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
411	Member	6762	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
412	Member	6763	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
413	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
414	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
415	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
416	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
417	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
418	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
419	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
420	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
421	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
422	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
423	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
424	Member	6788	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
425	Member	6789	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
426	Member	6790	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
427	Member	6791	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
428	Member	6792	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
429	Member	6793	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
430	Member	6794	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
431	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
432	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
433	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
434	Member	6800	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
435	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
436	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
437	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
438	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
439	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
440	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
441	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
442	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
443	Member	6819	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
444	Member	6820	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
445	Member	6821	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
446	Member	6822	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
447	Member	6823	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
448	Member	6824	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
449	Member	6825	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
450	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
451	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
452	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
453	Member	6831	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
454	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
455	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
456	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
457	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
458	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
459	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
460	Member	6850	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
461	Member	6851	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
462	Member	6852	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
463	Member	6853	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
464	Member	6854	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
465	Member	6855	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
466	Member	6856	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
467	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
468	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
469	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
470	Member	6862	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
471	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
472	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
473	Member	6881	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
474	Member	6882	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
475	Member	6883	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
476	Member	6884	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
477	Member	6885	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
478	Member	6886	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
479	Member	6887	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
480	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
481	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
482	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
483	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
484	Member	6893	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
485	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
486	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
487	Member	6912	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
488	Member	6913	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
489	Member	6914	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
490	Member	6915	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
491	Member	6916	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
492	Member	6917	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
493	Member	6918	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
494	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
495	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
496	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
497	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
498	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
499	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
500	Member	6943	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
501	Member	6944	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
502	Member	6945	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
503	Member	6946	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
504	Member	6947	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
505	Member	6948	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
506	Member	6949	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
507	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
508	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
509	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
510	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
511	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
512	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
513	Member	6974	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
514	Member	6975	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
515	Member	6976	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
516	Member	6977	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
517	Member	6978	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
518	Member	6979	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
519	Member	6980	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
520	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
521	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
522	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
523	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
524	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
525	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
526	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
527	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
528	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
529	Member	7017	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
530	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
531	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
532	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
533	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
534	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
535	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
536	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
537	Member	7048	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
538	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
539	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
540	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
541	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
542	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
543	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
544	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
545	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
546	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
547	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
548	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
549	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
550	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
551	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
552	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
553	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
554	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
555	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
556	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
557	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
558	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
559	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
560	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
561	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
562	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
563	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
564	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
565	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
566	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
567	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
568	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
569	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
570	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
571	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
572	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
573	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
574	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
575	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
576	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
577	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
578	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
579	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
580	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
581	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
582	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
583	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
584	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
585	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
586	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
587	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
588	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
589	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
590	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
591	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
592	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
593	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
594	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
595	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
596	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
597	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
598	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
599	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
600	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
601	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
602	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
603	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
604	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
605	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
606	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
607	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
608	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
609	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
610	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
611	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
612	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
613	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
614	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
615	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
616	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
617	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
618	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
619	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
620	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
621	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
622	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
623	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
624	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
625	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
626	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
627	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
628	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
629	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
630	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
631	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
632	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
633	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
634	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
635	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
636	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
637	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
638	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
639	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
640	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
641	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
642	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
643	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
644	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
645	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
646	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
647	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
648	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
649	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
650	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
651	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
652	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
653	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
654	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
655	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
656	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
657	Member	7385	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
658	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
659	Member	7387	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
660	Member	7388	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
661	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
662	Member	7390	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
663	Member	7391	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
664	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
665	Member	7393	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
666	Member	7394	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
667	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
668	Member	7396	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
669	Member	7397	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
670	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
671	Member	7399	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
672	Member	7400	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
673	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
674	Member	7402	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
675	Member	7403	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
676	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
677	Member	7405	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
678	Member	7406	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
679	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
680	Member	7408	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
681	Member	7409	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
682	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
683	Member	7411	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
684	Member	7412	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
685	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
686	Member	7414	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
687	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
688	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
689	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
690	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
691	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
692	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
693	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
694	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
695	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
696	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
697	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
698	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
699	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
700	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
701	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
702	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
703	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
704	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
705	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
706	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
707	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
708	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
709	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
710	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
711	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
712	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
713	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
714	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
715	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
716	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
717	Member	7445	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
718	Member	7446	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
719	Member	7447	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
720	Member	7448	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
721	Member	7449	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
722	Member	7450	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
723	Member	7451	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
724	Member	7452	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
725	Member	7453	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
726	Member	7454	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
727	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
728	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
729	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
730	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
731	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
732	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
733	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
734	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
735	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
736	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
737	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
738	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
739	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
740	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
741	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
742	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
743	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
744	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
745	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
746	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
747	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
748	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
749	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
750	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
751	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
752	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
753	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
754	Member	7506	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
755	Member	7508	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
756	Member	7510	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
757	Member	7512	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
758	Member	7514	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
759	Member	7516	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
760	Member	7518	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
761	Member	7520	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
762	Member	7522	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
763	Member	7524	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
764	Member	7596	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
765	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
766	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
767	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
768	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
769	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
770	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
771	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
772	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
773	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
774	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
775	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
776	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
777	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
778	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
779	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
780	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
781	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
782	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
783	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
784	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
785	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
786	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
787	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
788	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
789	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
790	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
791	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
792	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
793	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
794	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
795	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
796	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
797	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
798	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
799	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
800	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
801	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
802	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
803	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
804	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
805	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
806	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
807	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
808	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
809	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
810	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
811	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
812	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
813	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
814	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
815	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
816	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
817	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
818	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
819	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
820	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
821	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
822	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
823	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
824	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
825	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
826	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
827	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
828	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
829	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
830	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
831	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
832	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
833	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
834	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
835	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
836	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
837	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
838	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
839	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
840	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
841	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
842	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
843	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
844	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
845	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
846	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
847	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
848	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
849	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
850	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
851	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
852	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
853	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
854	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
855	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
856	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
857	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
858	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
859	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
860	Member	7791	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
861	Member	7792	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
862	Member	7793	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
863	Member	7804	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
864	Member	7805	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
865	Member	7806	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
866	Member	7807	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
867	Member	7808	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
868	Member	7809	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
869	Member	7810	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
870	Member	7811	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
871	Member	7812	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
872	Member	7813	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
873	Member	7817	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
874	Member	7818	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
875	Member	7838	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
876	Member	7839	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
877	Member	7840	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
878	Member	7841	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
879	Member	7842	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
880	Member	7845	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
881	Member	7846	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
882	Member	7847	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
883	Member	7848	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
884	Member	7868	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
885	Member	7869	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
886	Member	7870	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
887	Member	7881	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
888	Member	7882	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
889	Member	7883	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
890	Member	7884	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
891	Member	7885	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
892	Member	7886	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
893	Member	7887	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
894	Member	7888	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
895	Member	7889	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
896	Member	7890	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
897	Member	7894	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
898	Member	7895	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
899	Member	7896	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
900	Member	7897	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
901	Member	7898	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
902	Member	7899	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
903	Member	7900	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
904	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
905	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
906	Member	7903	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
907	Member	7904	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
908	Member	7905	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
909	Member	7906	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
910	Member	7907	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
911	Member	7908	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
912	Member	7909	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
913	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
914	Member	7920	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
915	Member	7921	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
916	Member	7922	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
917	Member	7923	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
918	Member	7924	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
919	Member	7925	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
920	Member	7926	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
921	Member	7927	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
922	Member	7928	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
923	Member	7929	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
924	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
925	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
926	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
927	Member	7933	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
928	Member	7934	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
929	Member	7935	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
930	Member	7936	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
931	Member	7937	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
932	Member	7938	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
933	Member	7939	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
934	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
935	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
936	Member	7942	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
937	Member	7943	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
938	Member	7944	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
939	Member	7945	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
940	Member	7946	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
941	Member	7947	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
942	Member	7948	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
943	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
944	Member	7959	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
945	Member	7960	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
946	Member	7961	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
947	Member	7962	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
948	Member	7963	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
949	Member	7964	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
950	Member	7965	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
951	Member	7966	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
952	Member	7967	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
953	Member	7968	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
954	Member	7972	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
955	Member	7973	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
956	Member	7974	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
957	Member	7975	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
958	Member	7976	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
959	Member	7977	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
960	Member	7978	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
961	Member	7981	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
962	Member	7982	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
963	Member	7983	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
964	Member	7984	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
965	Member	8004	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
966	Member	8005	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
967	Member	8006	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
968	Member	8007	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
969	Member	8008	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
970	Member	8009	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
971	Member	8011	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
972	Member	8012	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
973	Member	8017	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
974	Member	8018	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
975	Member	8019	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
976	Member	8020	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
977	Member	8021	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
978	Member	8022	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
979	Member	8023	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
980	Member	8024	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
981	Member	8025	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
982	Member	8026	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
983	Member	8030	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
984	Member	8031	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
985	Member	8032	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
986	Member	8033	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
987	Member	8034	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
988	Member	8035	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
989	Member	8036	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
990	Member	8037	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
991	Member	8038	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
992	Member	8039	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
993	Member	8040	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
994	Member	8041	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
995	Member	8051	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
996	Member	8052	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
997	Member	8053	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
998	Member	8054	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
999	Member	8055	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1000	Member	8058	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1001	Member	8059	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1002	Member	8060	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1003	Member	8061	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1004	Member	8062	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1005	Member	8063	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1006	Member	8064	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1007	Member	8065	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1008	Member	8066	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1009	Member	8067	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1010	Member	8068	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1011	Member	8069	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1012	Member	8081	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1013	Member	8082	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1014	Member	8083	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1015	Member	8094	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1016	Member	8095	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1017	Member	8096	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1018	Member	8097	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1019	Member	8098	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1020	Member	8099	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1021	Member	8100	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1022	Member	8102	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1023	Member	8103	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1024	Member	8107	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1025	Member	8108	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1026	Member	8109	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1027	Member	8110	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1028	Member	8111	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1029	Member	8112	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1030	Member	8113	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1031	Member	8116	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1032	Member	8117	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1033	Member	8118	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1034	Member	8119	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1035	Member	8120	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1036	Member	8121	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1037	Member	8122	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1038	Member	8123	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1039	Member	8124	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1040	Member	8125	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1041	Member	8127	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1042	Member	8128	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1043	Member	8133	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1044	Member	8134	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1045	Member	8135	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1046	Member	8136	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1047	Member	8137	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1048	Member	8138	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1049	Member	8139	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1050	Member	8147	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1051	Member	8148	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1052	Member	8149	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1053	Member	8150	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1054	Member	8151	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1055	Member	8152	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1056	Member	8155	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1057	Member	8156	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1058	Member	8157	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1059	Member	8158	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1060	Member	8159	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1061	Member	8160	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1062	Member	8161	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1063	Member	8162	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1064	Member	8172	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1065	Member	8173	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1066	Member	8174	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1067	Member	8175	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1068	Member	8176	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1069	Member	8177	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1070	Member	8178	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1071	Member	8179	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1072	Member	8180	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1073	Member	8181	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1074	Member	8185	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1075	Member	8186	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1076	Member	8187	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1077	Member	8188	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1078	Member	8194	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1079	Member	8195	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1080	Member	8196	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1081	Member	8197	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1082	Member	8199	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1083	Member	8200	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1084	Member	8201	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1085	Member	8202	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1086	Member	8203	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1087	Member	8204	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1088	Member	8205	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1089	Member	8217	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1090	Member	8218	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1091	Member	8219	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1092	Member	8222	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1093	Member	8224	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1094	Member	8225	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1095	Member	8230	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1096	Member	8231	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1097	Member	8232	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1098	Member	8233	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1099	Member	8234	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1100	Member	8235	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1101	Member	8236	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1102	Member	8237	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1103	Member	8238	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1104	Member	8239	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1105	Member	8243	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1106	Member	8248	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1107	Member	8249	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1108	Member	8250	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1109	Member	8251	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1110	Member	8252	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1111	Member	8253	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1112	Member	8254	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1113	Member	8268	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1114	Member	8270	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1115	Member	8271	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1116	Member	8272	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1117	Member	8273	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1118	Member	8274	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1119	Member	8275	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1120	Member	8276	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1121	Member	8277	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1122	Member	8278	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1123	Member	8279	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1124	Member	8284	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1125	Member	8294	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1126	Member	8295	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1127	Member	8296	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1128	Member	8297	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1129	Member	8298	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1130	Member	8299	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1131	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1132	Member	8301	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1133	Member	8302	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1134	Member	8307	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1135	Member	8308	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1136	Member	8309	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1137	Member	8310	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1138	Member	8311	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1139	Member	8312	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1140	Member	8313	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1141	Member	8314	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1142	Member	8315	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1143	Member	8316	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1144	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1145	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1146	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1147	Member	8320	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1148	Member	8321	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1149	Member	8322	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1150	Member	8323	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1151	Member	8324	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1152	Member	8325	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1153	Member	8326	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1154	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1155	Member	8328	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1156	Member	8329	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1157	Member	8330	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1158	Member	8331	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1159	Member	8332	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1160	Member	8333	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1161	Member	8334	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1162	Member	8335	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1163	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1164	Member	8346	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1165	Member	8347	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1166	Member	8348	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1167	Member	8349	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1168	Member	8350	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1169	Member	8351	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1170	Member	8352	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1171	Member	8355	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1172	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1173	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1174	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1175	Member	8359	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1176	Member	8360	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1177	Member	8361	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1178	Member	8362	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1179	Member	8363	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1180	Member	8364	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1181	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1182	Member	8368	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1183	Member	8369	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1184	Member	8370	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1185	Member	8371	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1186	Member	8372	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1187	Member	8373	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1188	Member	8374	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1189	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1190	Member	8385	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1191	Member	8386	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1192	Member	8387	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1193	Member	8388	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1194	Member	8389	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1195	Member	8409	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1196	Member	8410	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1197	Member	8411	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1198	Member	8412	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1199	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1200	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1201	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1202	Member	8423	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1203	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1204	Member	8425	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1205	Member	8426	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1206	Member	8427	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1207	Member	8428	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1208	Member	8429	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1209	Member	8437	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1210	Member	8438	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1211	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1212	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1213	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1214	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1215	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1216	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1217	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1218	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1219	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1220	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1221	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1222	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1223	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1224	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1225	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1226	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1227	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1228	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1229	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1230	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1231	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1232	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1233	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1234	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1235	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1236	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1237	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1238	Member	8488	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1239	Member	8489	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1240	Member	8490	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1241	Member	8491	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1242	Member	8492	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1243	Member	8493	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1244	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1245	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1246	Member	8508	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1247	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1248	Member	8510	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1249	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1250	Member	8522	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1251	Member	8526	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1252	Member	8806	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1253	Member	8807	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1254	Member	8808	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1255	Member	8809	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1256	Member	8813	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1257	Member	8814	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1258	Member	8817	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1259	Member	8820	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1260	Member	8821	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1261	Member	8938	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1262	Member	8939	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1263	Member	8940	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1264	Member	8941	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1265	Member	8942	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1266	Member	8943	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1267	Member	8946	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1268	Member	8949	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1269	Member	8950	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1270	Member	8951	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1271	Member	8952	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1272	Member	8953	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1273	Member	8954	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1274	Member	8955	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1275	Member	8956	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1276	Member	8957	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1277	Member	8958	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1278	Member	8959	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1279	Member	8960	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1280	Member	8961	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1281	Member	8962	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1282	Member	8963	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1283	Member	8964	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1284	Member	8965	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1285	Member	8966	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1286	Member	8967	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1287	Member	8968	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1288	Member	8969	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1289	Member	8970	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1290	Member	8971	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1291	Member	8972	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1292	Member	8973	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1293	Member	8974	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1294	Member	8975	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1295	Member	8976	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1296	Member	8977	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1297	Member	8978	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1298	Member	8979	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1299	Member	8980	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1300	Member	8981	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1301	Member	8982	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1302	Member	8983	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1303	Member	8984	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1304	Member	8985	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1305	Member	8986	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1306	Member	8989	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1307	Member	8992	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1308	Member	8993	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1309	Member	8994	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1310	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1311	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1312	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1313	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1314	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1315	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1316	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1317	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1318	Member	9029	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1319	Member	9032	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1320	Member	9035	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1321	Member	9036	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1322	Member	9037	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1323	Member	9038	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1324	Member	9039	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1325	Member	9040	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1326	Member	9041	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1327	Member	9042	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1328	Member	9043	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1329	Member	9044	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1330	Member	9045	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1331	Member	9046	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1332	Member	9047	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1333	Member	9048	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1334	Member	9049	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1335	Member	9050	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1336	Member	9051	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1337	Member	9052	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1338	Member	9053	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1339	Member	9054	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1340	Member	9055	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1341	Member	9056	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1342	Member	9057	<input type="checkbox"/>	0.505	y; z	0.0	0.0	Beam
1343	Member	9058	<input type="checkbox"/>	0.005	y; z	0.0	0.0	Beam
1344	Member	9059	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1345	Member	9060	<input type="checkbox"/>	0.205	y; z	0.0	0.0	Beam
1346	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1347	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1348	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1349	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1350	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1351	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1352	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1353	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1354	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1355	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1356	Member	9266	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1357	Member	9268	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1358	Member	9273	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
1359	Member	9275	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1360	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1361	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1362	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1363	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1364	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1365	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1366	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1367	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1368	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1369	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1370	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1371	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1372	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1373	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1374	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1375	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1376	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1377	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1378	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1379	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1380	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1381	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1382	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1383	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1384	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1385	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1386	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1387	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1388	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1389	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1390	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1391	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1392	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1393	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1394	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1395	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1396	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1397	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1398	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1399	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1400	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1401	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1402	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1403	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1404	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1405	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1406	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1407	Member	9445	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1408	Member	9446	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1409	Member	9447	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1410	Member	9448	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1411	Member	9449	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1412	Member	9450	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1413	Member	9451	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1414	Member	9452	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1415	Member	9453	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1416	Member	9454	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1417	Member	9455	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1418	Member	9456	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1419	Member	9457	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1420	Member	9458	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1421	Member	9459	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1422	Member	9460	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1423	Member	9461	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1424	Member	9462	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1425	Member	9465	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1426	Member	9466	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1427	Member	9467	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1428	Member	9468	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1429	Member	9469	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1430	Member	9470	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1431	Member	9471	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1432	Member	9472	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1433	Member	9473	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1434	Member	9475	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1435	Member	9476	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1436	Member	9477	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1437	Member	9478	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1438	Member	9479	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1439	Member	9480	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1440	Member	9481	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1441	Member	9482	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1442	Member	9483	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1443	Member	9526	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1444	Member	9527	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1445	Member	9528	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1446	Member	9533	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1447	Member	9534	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1448	Member	9535	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1449	Member	9536	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1450	Member	9537	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1451	Member	9538	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1452	Member	9539	<input type="checkbox"/>	0.440	y; z	0.0	0.0	Beam
1453	Member	9549	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1454	Member	9550	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
1455	Member	9551	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1456	Member	9552	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1457	Member	9562	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1458	Member	9563	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1459	Member	9564	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1460	Member	9569	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1461	Member	9570	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1462	Member	9571	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1463	Member	9572	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1464	Member	9573	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1465	Member	9574	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1466	Member	9575	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1467	Member	9576	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1468	Member	9577	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1469	Member	9578	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1470	Member	9579	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1471	Member	9580	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1472	Member	9581	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1473	Member	9582	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1474	Member	9587	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1475	Member	9588	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1476	Member	9589	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1477	Member	9590	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1478	Member	9591	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1479	Member	9592	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1480	Member	9593	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1481	Member	9594	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1482	Member	9595	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1483	Member	9596	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1484	Member	9597	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1485	Member	9598	<input type="checkbox"/>	0.410	y; z	0.0	0.0	Beam
1486	Member	9599	<input type="checkbox"/>	0.110	y; z	0.0	0.0	Beam
1487	Member	9600	<input type="checkbox"/>	0.110	y; z	0.0	0.0	Beam
1488	Member	9605	<input type="checkbox"/>	0.210	y; z	0.0	0.0	Beam
1489	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1490	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1491	Member	9608	<input type="checkbox"/>	0.010	y; z	0.0	0.0	Beam
1492	Member	9609	<input type="checkbox"/>	0.010	y; z	0.0	0.0	Beam
1493	Member	9610	<input type="checkbox"/>	0.410	y; z	0.0	0.0	Beam
1494	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1495	Member	9612	<input type="checkbox"/>	0.010	y; z	0.0	0.0	Beam
1496	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1497	Member	9614	<input type="checkbox"/>	0.010	y; z	0.0	0.0	Beam
1498	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1499	Member	9655	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1500	Member	9656	<input type="checkbox"/>	0.390	y; z	0.0	0.0	Beam
1501	Member	9657	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1502	Member	9658	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1503	Member	9659	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1504	Member	9660	<input type="checkbox"/>	0.390	y; z	0.0	0.0	Beam
1505	Member		<input type="checkbox"/>	0.000	y; z	0.0	0.0	Beam
1506	Member	9662	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1507	Member	9663	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1508	Member	9664	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1509	Member	9665	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1510	Member	9666	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1511	Member	9667	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1512	Member	9668	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1513	Member	9669	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1514	Member	9675	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1515	Member	9676	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1516	Member	9677	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1517	Member	9678	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1518	Member	9679	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1519	Member	9690	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1520	Member	9691	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1521	Member	9692	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1522	Member	9693	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1523	Member	9694	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1524	Member	9710	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1525	Member	9711	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1526	Member	9712	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1527	Member	9713	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1528	Member	9714	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1529	Member	9715	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1530	Member	9716	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1531	Member	9717	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1532	Member	9718	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1533	Member	9719	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1534	Member	9725	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1535	Member	9726	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1536	Member	9727	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1537	Member	9728	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1538	Member	9729	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1539	Member	9730	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1540	Member	9731	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1541	Member	9732	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1542	Member	9733	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1543	Member	9734	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1544	Member	9740	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1545	Member	9741	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1546	Member	9742	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1547	Member	9743	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1548	Member	9744	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1549	Member	9745	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1550	Member	9746	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1551	Member	9747	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1552	Member	9748	<input type="checkbox"/>	0.700	y; z	0.0	0.0	Beam
1553	Member	9749	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1554	Member	9760	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1555	Member	9761	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1556	Member	9762	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1557	Member	9763	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1558	Member	9764	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1559	Member	9765	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1560	Member	9779	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1561	Member	9780	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1562	Member	9781	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1563	Member	9782	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1564	Member	9783	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1565	Member	9784	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1566	Member	9790	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1567	Member	9791	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1568	Member	9792	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1569	Member	9793	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1570	Member	9794	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1571	Member	9805	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1572	Member	9806	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1573	Member	9807	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1574	Member	9808	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1575	Member	9809	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1576	Member	9825	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1577	Member	9826	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1578	Member	9827	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1579	Member	9828	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1580	Member	9829	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1581	Member	9830	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1582	Member	9831	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1583	Member	9832	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1584	Member	9833	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1585	Member	9834	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1586	Member	9840	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1587	Member	9841	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1588	Member	9842	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1589	Member	9843	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1590	Member	9844	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1591	Member	9845	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1592	Member	9846	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1593	Member	9847	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1594	Member	9848	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1595	Member	9849	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1596	Member	9855	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1597	Member	9856	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1598	Member	9857	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1599	Member	9858	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1600	Member	9859	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1601	Member	9860	<input type="checkbox"/>	0.400	y; z	0.0	0.0	Beam
1602	Member	9861	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1603	Member	9862	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1604	Member	9863	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1605	Member	9864	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1606	Member	9875	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1607	Member	9876	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1608	Member	9877	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1609	Member	9878	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1610	Member	9879	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1611	Member	9880	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1612	Member	9881	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1613	Member	9882	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1614	Member	9883	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1615	Member	9884	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1616	Member	9885	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1617	Member	9886	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1618	Member	9887	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1619	Member	9888	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1620	Member	9889	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1621	Member	9890	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1622	Member	9891	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1623	Member	9892	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1624	Member	9893	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1625	Member	9894	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1626	Member	9895	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1627	Member	9896	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1628	Member	9897	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1629	Member	9898	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1630	Member	9899	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1631	Member	9900	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1632	Member	9904	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
1633	Member	9905	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1634	Member	9906	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1635	Member	9907	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1636	Member	9908	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
1637	Member	9909	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1638	Member	9910	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1639	Member	10011	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1640	Member	10031	<input type="checkbox"/>	0.440	y; z	0.0	0.0	Beam
1641	Member	10032	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1642	Member	10033	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
1643	Member	10034	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1644	Member	10035	<input type="checkbox"/>	0.440	y; z	0.0	0.0	Beam
1645	Member	10036	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1646	Member	10037	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
1647	Member	10038	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1648	Member	10057	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1649	Member	10060	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1650	Member	10063	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
1651	Member	10080	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1652	Member	10083	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1653	Member	10097	<input type="checkbox"/>	0.440	y; z	0.0	0.0	Beam
1654	Member	10098	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1655	Member	10099	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
1656	Member	10100	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1657	Member	10101	<input type="checkbox"/>	0.440	y; z	0.0	0.0	Beam
1658	Member	10102	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1659	Member	10103	<input type="checkbox"/>	0.350	y; z	0.0	0.0	Beam
1660	Member	10104	<input type="checkbox"/>	0.090	y; z	0.0	0.0	Beam
1661	Member	10112	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1662	Member	10113	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1663	Member	10114	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1664	Member	10115	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1665	Member	10116	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1666	Member	10117	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1667	Member	10118	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1668	Member	10119	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1669	Member	10127	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1670	Member	10128	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1671	Member	10129	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1672	Member	10130	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1673	Member	10138	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1674	Member	10139	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1675	Member	10140	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1676	Member	10141	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1677	Member	10149	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1678	Member	10150	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1679	Member	10151	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1680	Member	10152	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1681	Member	10160	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1682	Member	10161	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1683	Member	10162	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1684	Member	10163	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1685	Member	10171	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1686	Member	10172	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1687	Member	10173	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1688	Member	10174	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1689	Member	10193	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1690	Member	10194	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1691	Member	10195	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1692	Member	10196	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1693	Member	10197	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1694	Member	10198	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1695	Member	10199	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1696	Member	10200	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1697	Member	10222	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1698	Member	10230	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1699	Member	10231	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1700	Member	10232	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1701	Member	10254	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1702	Member	10255	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1703	Member	10263	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1704	Member	10264	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1705	Member	10274	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1706	Member	10275	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1707	Member	10276	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1708	Member	10277	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1709	Member	10278	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1710	Member	10279	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1711	Member	10280	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1712	Member	10281	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1713	Member	10282	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1714	Member	10283	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1715	Member	10284	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1716	Member	10285	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1717	Member	10286	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1718	Member	10287	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1719	Member	10288	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1720	Member	10289	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1721	Member	10290	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1722	Member	10291	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1723	Member	10292	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1724	Member	10293	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1725	Member	10294	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1726	Member	10295	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1727	Member	10296	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1728	Member	10297	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1729	Member	10298	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1730	Member	10299	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1731	Member	10300	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1732	Member	10301	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1733	Member	10332	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1734	Member	10333	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1735	Member	10334	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1736	Member	10335	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1737	Member	10336	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1738	Member	10337	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1739	Member	10338	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1740	Member	10339	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1741	Member	10340	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1742	Member	10341	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1743	Member	10342	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1744	Member	10343	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1745	Member	10344	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
1746	Member	10345	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1747	Member	10346	<input type="checkbox"/>	0.495	y; z	0.0	0.0	Beam
1748	Member	10347	<input type="checkbox"/>	0.295	y; z	0.0	0.0	Beam
1749	Member	10500	<input type="checkbox"/>	0.420	y; z	0.0	0.0	Beam
1750	Member	10501	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1751	Member	10502	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1752	Member	10503	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1753	Member	10504	<input type="checkbox"/>	0.420	y; z	0.0	0.0	Beam
1754	Member	10505	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1755	Member	10506	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1756	Member	10507	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1757	Member	10508	<input type="checkbox"/>	0.420	y; z	0.0	0.0	Beam
1758	Member	10509	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1759	Member	10510	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1760	Member	10511	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1761	Member	10512	<input type="checkbox"/>	0.420	y; z	0.0	0.0	Beam
1762	Member	10513	<input type="checkbox"/>	0.110	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1763	Member	10514	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1764	Member	10515	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1765	Member	10516	<input type="checkbox"/>	0.420	y; z	0.0	0.0	Beam
1766	Member	10517	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1767	Member	10518	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1768	Member	10519	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1769	Member	10520	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1770	Member	10521	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1771	Member	10522	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1772	Member	10523	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1773	Member	10524	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1774	Member	10651	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1775	Member	10652	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1776	Member	10654	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
1777	Member	10656	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1778	Member	10687	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1779	Member	10705	<input type="checkbox"/>	0.433	y; z	0.0	0.0	Beam
1780	Member	10706	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1781	Member	10707	<input type="checkbox"/>	0.367	y; z	0.0	0.0	Beam
1782	Member	10708	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1783	Member	10709	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
1784	Member	10754	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1785	Member	10755	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1786	Member	10756	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1787	Member	10757	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1788	Member	10758	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1789	Member	10759	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1790	Member	10760	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1791	Member	10761	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1792	Member	10762	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1793	Member	10763	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1794	Member	10764	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1795	Member	10765	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1796	Member	10766	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1797	Member	10767	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1798	Member	10768	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1799	Member	10769	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1800	Member	10770	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1801	Member	10771	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1802	Member	10772	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1803	Member	10773	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1804	Member	10774	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1805	Member	10775	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1806	Member	10776	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1807	Member	10777	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1808	Member	10778	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1809	Member	10779	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1810	Member	10780	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1811	Member	10781	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1812	Member	10782	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1813	Member	10783	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1814	Member	10784	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1815	Member	10785	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1816	Member	10786	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1817	Member	10787	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1818	Member	10788	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1819	Member	10789	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1820	Member	10790	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1821	Member	10791	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1822	Member	10792	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1823	Member	10793	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1824	Member	10794	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1825	Member	10795	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1826	Member	10796	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1827	Member	10797	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1828	Member	10798	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1829	Member	10799	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1830	Member	10800	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
1831	Member	10801	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1832	Member	10802	<input type="checkbox"/>	0.250	y; z	0.0	0.0	Beam
1833	Member	10803	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1834	Member	10804	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1835	Member	10805	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1836	Member	10806	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1837	Member	10807	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1838	Member	10808	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1839	Member	10809	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1840	Member	10810	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1841	Member	10811	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1842	Member	10812	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1843	Member	10813	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
1844	Member	10833	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1845	Member	10834	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1846	Member	10835	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1847	Member	10836	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1848	Member	10837	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1849	Member	10838	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1850	Member	10839	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1851	Member	10840	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1852	Member	10841	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1853	Member	10842	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1854	Member	10843	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1855	Member	10844	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1856	Member	10886	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam

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1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1857	Member	10887	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1858	Member	10888	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1859	Member	10889	<input type="checkbox"/>	0.500	y; z	0.0	0.0	Beam
1860	Member	10890	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1861	Member	10891	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1862	Member	10892	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1863	Member	10893	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1864	Member	10894	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1865	Member	10895	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam
1866	Member	10896	<input type="checkbox"/>	0.067	y; z	0.0	0.0	Beam
1867	Member	10897	<input type="checkbox"/>	0.133	y; z	0.0	0.0	Beam

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
524	Continuous Members 524 (Member No. 514,515,590,10032)					
	10032	0.433	RC9	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10032	0.000	CO5	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	590	0.000	CO2	0.00 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	590	0.075	RC9	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	590	0.150	CO2	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10032	0.000	RC9	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10032	0.000	CO2	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	590	0.150	CO2	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10032	0.000	CO2	0.01 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10032	0.000	CO5	0.00 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	514	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	10032	0.217	CO20	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10032	0.217	CO26	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
525	Continuous Members 525 (Member No. 614,10034)					
	614	0.000	RC9	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	614	0.000	RC9	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
614	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
526	Continuous Members 526 (Member No. 511,512,10031)					
	512	0.000	CO5	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	512	0.000	RC9	0.00 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	512	0.000	RC9	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10031	0.000	CO5	0.02 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	511	0.250	RC9	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10031	0.000	RC9	0.02 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10031	0.000	CO5	0.02 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	511	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	10031	0.220	CO17	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10031	0.220	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
527	Continuous Members 527 (Member No. 591,10033)					
	10033	0.350	RC9	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10033	0.175	RC9	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
591	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
528	Continuous Members 524 (Member No. 2587,2601,2604,10036)					
	2587	0.250	CO5	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	2604	0.150	RC9	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10036	0.000	RC9	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2604	0.000	RC9	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2604	0.075	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2604	0.150	RC9	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2604	0.150	RC9	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2604	0.150	RC9	0.03 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2604	0.150	RC9	0.03 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2604	0.075	RC9	0.02 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2604	0.150	RC9	0.02 ≤ 1	173	Cross-section resistance - Biaxial bending and compression a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2604	0.150	RC9	0.02 ≤ 1	311)	acc. to 6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2604	0.075	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2604	0.150	RC9	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10036	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	2587	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10036	0.217	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10036	0.217	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
529	Continuous Members 525 (Member No. 2666,10038)					
	2666	0.060	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	2666	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2666	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
530	Continuous Members 526 (Member No. 615,2584,10035)					
	2584	0.067	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	615	0.250	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10035	0.220	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2584	0.033	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2584	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10035	0.000	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	615	0.250	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2584	0.067	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2584	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2584	0.067	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	615	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10035	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10035	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	615	0.500	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10035	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10035	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	615	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10035	0.220	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10035	0.220	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
531	Continuous Members 527 (Member No. 2658,10037)					
	10037	0.175	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10037	0.175	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2658	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
532	Continuous Members 524 (Member No. 2752,2760,2794,10065)					
	2760	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10065	0.433	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2794	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2760	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2794	0.000	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10065	0.433	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10065	0.433	CO4	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10065	0.433	RC9	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10065	0.000	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	2794	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10065	0.433	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10065	0.433	RC9	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10065	0.433	CO6	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
533	Continuous Members 525 (Member No. 2842,10067)					
	2842	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	2842	0.030	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
534	Continuous Members 526 (Member No. 2706,2714,10064)						
	2714	0.067	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	2714	0.033	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	2714	0.033	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10064	0.440	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	2706	0.250	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	10064	0.440	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10064	0.440	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	535	Continuous Members 527 (Member No. 2802,10066)					
		10066	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
10066		0.175	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
536	Continuous Members 524 (Member No. 2898,2934,2942,10069)						
	2934	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	2942	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	10069	0.433	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	2942	0.075	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	2942	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	2898	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	2942	0.075	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	2942	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	2942	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	2942	0.000	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	2942	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	10069	0.217	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	2942	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	2942	0.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	2942	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
10069	0.433	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		
537	Continuous Members 525 (Member No. 2986,10071)						
	2986	0.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	2986	0.030	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
538	Continuous Members 526 (Member No. 2850,2890,10068)						
	2850	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	10068	0.440	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	10068	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	2890	0.033	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	2890	0.033	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10068	0.440	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	2850	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	10068	0.440	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10068	0.440	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	2850	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	10068	0.440	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	10068	0.440	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	2850	0.250	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	10068	0.440	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	10068	0.440	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	10068	0.440	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	2850	0.250	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	10068	0.440	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
10068	0.440	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
539	Continuous Members 527 (Member No. 2978,10070)					
	10070	0.350	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10070	0.175	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
540	Continuous Members 524 (Member No. 3384,3418,3426,10098)					
	3384	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10098	0.433	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3426	0.000	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3426	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3426	0.075	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3426	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3418	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3418	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10098	0.433	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10098	0.433	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3418	0.000	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3384	0.250	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3426	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10098	0.433	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10098	0.433	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3418	0.000	RC9	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10098	0.433	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3384	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10098	0.217	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10098	0.217	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10098	0.217	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
541	Continuous Members 525 (Member No. 3474,10100)					
	3474	0.060	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3474	0.030	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3474	0.030	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3474	0.060	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3474	0.060	RC9	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3474	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
542	Continuous Members 526 (Member No. 3338,3376,10097)					
	10097	0.440	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3376	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3376	0.033	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3376	0.033	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10097	0.440	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3338	0.250	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10097	0.440	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10097	0.440	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3338	0.250	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10097	0.440	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	3338	0.250	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10097	0.440	CO2	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10097	0.440	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	3338	0.250	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10097	0.440	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10097	0.440	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3338	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10097	0.220	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10097	0.220	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	3338	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
543	Continuous Members 527 (Member No. 3466,10099)					
	10099	0.350	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10099	0.350	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10099	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10099	0.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10099	0.350	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10099	0.350	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10099	0.350	RC9	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3466	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
544	Continuous Members 524 (Member No. 3558,3566,3602,10102)					
	3558	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3602	0.150	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10102	0.433	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3602	0.075	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3602	0.075	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3602	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3566	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3566	0.250	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3602	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	3602	0.075	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	3558	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	3602	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	3602	0.075	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10102	0.217	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	3602	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10102	0.433	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3602	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3602	0.075	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10102	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	3602	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3602	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3558	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	3566	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3566	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10102	0.217	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
545	Continuous Members 525 (Member No. 3640,10104)					
	3640	0.000	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3640	0.030	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3640	0.030	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3640	0.060	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3640	0.060	RC9	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3640	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
546	Continuous Members 526 (Member No. 3514,3522,10101)					
	3522	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10101	0.440	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10101	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3522	0.033	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	3522	0.033	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10101	0.440	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3514	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	3522	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10101	0.440	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	3514	0.000	RC9	0.02 ≤ 1	162)	and tension acc. to 6.2.3
	10101	0.440	RC9	0.12 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10101	0.440	RC9	0.13 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10101	0.440	RC9	0.14 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3514	0.250	RC9	0.01 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10101	0.440	RC9	0.09 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10101	0.440	RC9	0.15 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10101	0.440	RC9	0.16 ≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10101	0.440	RC9	0.04 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	3514	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10101	0.220	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10101	0.220	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3514	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	3514	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
547	Continuous Members 527 (Member No. 3610,10103)					
	10103	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10103	0.175	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10103	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10103	0.350	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10103	0.350	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10103	0.350	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10103	0.350	RC9	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	3610	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
549	Continuous Members 549 (Member No. 5958,5959,10114)					
	5958	0.000	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5958	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5958	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5959	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5959	0.102	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5958	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10114	0.495	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10114	0.248	RC9	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5959	0.205	RC9	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10114	0.000	RC9	0.22 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5959	0.205	RC9	0.26 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5959	0.205	RC9	0.27 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10114	0.000	RC9	0.23 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5959	0.205	RC9	0.29 ≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5959	0.205	RC9	0.10 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5958	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10114	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10114	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5958	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	5958	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
551	Continuous Members 551 (Member No. 5964,5968,10118)					
	10118	0.495	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5964	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5964	0.250	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5968	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5964	0.250	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5964	0.500	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5968	0.205	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10118	0.495	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5968	0.205	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	5968	0.102	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5968	0.205	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5968	0.205	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5964	0.000	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5968	0.205	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	5968	0.205	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5964	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	5964	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5964	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	5968	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5968	0.102	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
552	Continuous Members 552 (Member No. 5403,5404,10113)					
	5404	0.005	RC9	0.18 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5404	0.000	RC9	0.09 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5404	0.000	RC9	0.39 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5404	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5404	0.000	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10113	0.000	CO2	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5404	0.002	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	5403	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10113	0.295	RC9	0.54 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5403	0.250	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10113	0.000	RC9	0.94 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10113	0.000	RC9	0.76 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	5403	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10113	0.000	RC9	0.82 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10113	0.000	RC9	0.79 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10113	0.000	RC9	0.83 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	5403	0.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10113	0.000	RC9	0.89 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10113	0.000	RC9	0.71 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5403	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10113	0.148	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10113	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
553	Continuous Members 553 (Member No. 5400,10115)					
	5400	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10115	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10115	0.148	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10115	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10115	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10115	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10115	0.295	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10115	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10115	0.295	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10115	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10115	0.295	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10115	0.148	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10115	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10115	0.295	RC9	0.02 ≤ 1	311)	acc. to 6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10115	0.295	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10115	0.148	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10115	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10115	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5400	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10115	0.148	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10115	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10115	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10115	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
554	Continuous Members 554 (Member No. 5962,5963,10117)					
	5963	0.002	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5962	0.250	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10117	0.148	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10117	0.148	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10117	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10117	0.000	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10117	0.000	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10117	0.000	RC9	0.32 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10117	0.000	RC9	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10117	0.000	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5962	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10117	0.148	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10117	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10117	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
555	Continuous Members 555 (Member No. 5969,10119)					
	10119	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10119	0.295	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10119	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10119	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10119	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10119	0.148	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10119	0.148	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10119	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10119	0.295	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10119	0.148	RC9	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10119	0.000	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10119	0.148	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10119	0.148	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10119	0.295	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10119	0.000	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10119	0.148	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10119	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5969	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
557	Continuous Members 549 (Member No. 6192,6193,10129)					
	6193	0.205	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6193	0.102	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6192	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6193	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6193	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6193	0.205	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6193	0.205	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6192	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6193	0.205	RC9	0.34 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6193	0.205	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6193	0.205	RC9	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10129	0.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6193	0.205	RC9	0.28 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6193	0.205	RC9	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6193	0.205	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6193	0.205	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6192	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10129	0.248	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10129	0.248	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6192	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6192	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
558	Continuous Members 552 (Member No. 5996,5997,10128)					
	5996	0.500	RC9	0.16 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5997	0.000	RC9	0.09 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	5996	0.250	RC9	0.40 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5997	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5997	0.002	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10128	0.000	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5996	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10128	0.148	RC9	0.77 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10128	0.000	RC9	0.98 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10128	0.148	RC9	0.60 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10128	0.000	RC9	0.85 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10128	0.000	RC9	0.83 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10128	0.148	RC9	0.67 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10128	0.000	RC9	0.92 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10128	0.000	RC9	0.77 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5996	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10128	0.148	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10128	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
559	Continuous Members 553 (Member No. 5970,10130)					
	5970	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10130	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10130	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10130	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10130	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10130	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10130	0.295	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10130	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10130	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10130	0.295	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10130	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10130	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10130	0.295	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10130	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10130	0.000	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10130	0.295	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10130	0.295	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10130	0.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10130	0.148	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10130	0.295	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5970	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10130	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10130	0.148	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10130	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10130	0.148	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
561	Continuous Members 549 (Member No. 6202,6203,10140)					
	6203	0.102	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6203	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6202	0.250	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6203	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6203	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6203	0.205	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10140	0.495	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10140	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6203	0.102	RC9	0.29 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6203	0.205	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6203	0.102	RC9	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6202	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6203	0.205	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6203	0.205	RC9	0.28 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6203	0.102	RC9	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6202	0.000	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6203	0.205	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6203	0.205	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6202	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10140	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10140	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
562	Continuous Members 552 (Member No. 6197,6198,10139)					
	6197	0.000	RC9	0.15 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6197	0.000	RC9	0.08 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6198	0.000	RC9	0.38 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6198	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6198	0.002	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10139	0.000	CO2	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10139	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6197	0.000	RC9	0.53 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10139	0.000	RC9	0.93 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6197	0.000	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10139	0.000	RC9	0.81 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10139	0.000	RC9	0.80 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6197	0.000	RC9	0.43 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10139	0.000	RC9	0.88 ≤ 1	333)	Member with biaxial bending and compression acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10139	0.000	RC9	0.71 ≤ 1	341)	6.3.2 - Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6197	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10139	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10139	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
563	Continuous Members 553 (Member No. 6194,10141)					
	6194	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10141	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10141	0.295	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10141	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10141	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10141	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10141	0.295	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10141	0.295	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10141	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10141	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10141	0.295	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10141	0.000	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10141	0.295	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10141	0.295	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10141	0.000	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10141	0.295	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6194	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10141	0.148	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10141	0.148	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
565	Continuous Members 549 (Member No. 8007,8032,10151)					
	8032	0.205	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8007	0.500	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8007	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8032	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8032	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8007	0.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10151	0.495	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8032	0.205	RC9	0.37 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8032	0.205	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8007	0.500	RC9	0.19 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8032	0.205	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10151	0.495	CO6	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8032	0.205	RC9	0.31 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8007	0.500	RC9	0.22 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8032	0.205	RC9	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8032	0.205	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8007	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10151	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10151	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10151	0.248	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
566	Continuous Members 552 (Member No. 6230,6231,10150)					
	10150	0.295	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6230	0.000	RC9	0.09 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6231	0.002	RC9	0.40 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6231	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6231	0.002	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10150	0.000	CO4	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6231	0.005	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10150	0.295	RC9	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10150	0.000	RC9	0.99 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6230	0.000	RC9	0.38 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10150	0.000	RC9	0.86 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10150	0.000	RC9	0.84 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6230	0.000	RC9	0.45 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10150	0.000	RC9	0.93 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10150	0.000	RC9	0.79 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6230	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10150	0.148	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10150	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6230	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
567	Continuous Members 553 (Member No. 6204,10152)					
	6204	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10152	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10152	0.295	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10152	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10152	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10152	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10152	0.295	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10152	0.148	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10152	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10152	0.295	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10152	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10152	0.295	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10152	0.148	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10152	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10152	0.295	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10152	0.295	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10152	0.295	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10152	0.148	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10152	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10152	0.295	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6204	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10152	0.148	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10152	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10152	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10152	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
569	Continuous Members 549 (Member No. 8316,8320,10162)					
	8320	0.205	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8320	0.102	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8316	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8320	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8320	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10162	0.495	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8316	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8320	0.205	RC9	0.44 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8320	0.205	RC9	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8320	0.205	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8316	0.250	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8320	0.205	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8316	0.500	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8320	0.205	RC9	0.36 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8320	0.205	RC9	0.40 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8316	0.250	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8320	0.205	RC9	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8320	0.205	RC9	0.19 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8316	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10162	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10162	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
571	Continuous Members 553 (Member No. 8051,10163)					
	8051	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10163	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10163	0.295	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10163	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10163	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10163	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10163	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10163	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10163	0.295	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10163	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10163	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10163	0.295	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10163	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10163	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10163	0.295	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10163	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10163	0.295	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8051	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10163	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10163	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
573	Continuous Members 549 (Member No. 8326,8328,10173)					
	8328	0.205	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8328	0.205	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8326	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8328	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8328	0.102	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8326	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8328	0.205	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10173	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8328	0.205	RC9	0.45 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10173	0.495	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8328	0.205	RC9	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8328	0.205	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8328	0.205	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8326	0.000	RC9	0.05 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 -

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8328	0.205	RC9	0.37 ≤ 1	311)	- Buckling about both axes Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8328	0.205	RC9	0.41 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8328	0.205	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8328	0.205	RC9	0.19 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8326	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10173	0.248	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10173	0.248	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10173	0.248	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8326	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
575	Continuous Members 553 (Member No. 8321,10174)					
	8321	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10174	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10174	0.295	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10174	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10174	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10174	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10174	0.295	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10174	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10174	0.295	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10174	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10174	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10174	0.148	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10174	0.148	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10174	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10174	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10174	0.295	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10174	0.148	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10174	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10174	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8321	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10174	0.148	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10174	0.148	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10174	0.148	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10174	0.148	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
577	Continuous Members 549 (Member No. 8353,8354,10184)					
	8354	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8353	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8354	0.205	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10184	0.248	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8354	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10184	0.248	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10184	0.248	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8353	0.250	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10184	0.495	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10184	0.248	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8353	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8354	0.205	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8354	0.205	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10184	0.495	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8354	0.205	RC9	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8354	0.205	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8354	0.205	RC9	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10184	0.495	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8354	0.205	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8354	0.205	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
578	Continuous Members 552 (Member No. 8340,8341,10183)						
	8340	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8340	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8341	0.000	RC9	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8341	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8341	0.000	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10183	0.148	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10183	0.000	CO6	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8340	0.500	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10183	0.000	RC9	0.43	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8340	0.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10183	0.000	RC9	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10183	0.000	RC9	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8340	0.000	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10183	0.000	RC9	0.40	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10183	0.000	RC9	0.12	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
579	Continuous Members 553 (Member No. 8336,10185)						
	10185	0.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10185	0.295	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10185	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10185	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10185	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10185	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10185	0.295	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10185	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10185	0.295	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10185	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10185	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10185	0.295	RC9	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10185	0.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10185	0.000	RC9	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10185	0.000	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10185	0.295	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10185	0.000	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10185	0.000	RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10185	0.000	RC9	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
580	Continuous Members 548 (Member No. 8939,8940,10274)						
	8939	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8940	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8940	0.205	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8940	0.102	RC9	0.70	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8940	0.102	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8939	0.000	RC9	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8940	0.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8940	0.000	RC9	0.37	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8940	0.000	RC9	0.36	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8940	0.000	RC9	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8940	0.000	RC9	0.36	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8940	0.000	RC9	0.37	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8940	0.000	RC9	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8940	0.000	RC9	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8939	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8939	0.250	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8939	0.250	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
581	Continuous Members 549 (Member No. 8943,8946,10276)						
	10276	0.495	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8946	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8946	0.205	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8946	0.102	RC9	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8946	0.102	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8946	0.000	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8946	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8946	0.205	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8946	0.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8946	0.000	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8943	0.500	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8946	0.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8946	0.000	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8946	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8943	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
582	Continuous Members 552 (Member No. 8941,10275)						
	8941	0.505	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8941	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8941	0.505	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10275	0.000	RC9	0.46	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10275	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10275	0.295	RC9	0.33	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8941	0.505	RC9	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10275	0.295	RC9	0.35	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8941	0.000	RC9	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10275	0.295	RC9	0.33	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10275	0.295	RC9	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10275	0.295	RC9	0.13	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8941	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10275	0.148	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10275	0.148	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
583	Continuous Members 553 (Member No. 8938,10277)						
	8938	0.295	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10277	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10277	0.000	RC9	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10277	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10277	0.295	RC9	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10277	0.295	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10277	0.295	RC9	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10277	0.295	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10277	0.295	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations
	8938	0.000	CO13	0.00 ≤ 1	400)	
584	Continuous Members 548 (Member No. 8950,8951,10278)					
	8950	0.250	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8951	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8951	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8951	0.102	RC9	0.70 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8951	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8951	0.000	RC9	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8951	0.000	RC9	0.37 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8951	0.000	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8951	0.000	RC9	0.36 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8951	0.000	RC9	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8951	0.000	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8950	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8950	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8950	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
585	Continuous Members 549 (Member No. 8954,8955,10280)					
	10280	0.248	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8955	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8955	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8955	0.102	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8955	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8955	0.000	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8955	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8955	0.000	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8955	0.205	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8955	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8955	0.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8955	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8954	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8955	0.102	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
586	Continuous Members 552 (Member No. 8952,10279)					
	8952	0.505	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8952	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8952	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10279	0.000	RC9	0.46 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10279	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10279	0.295	RC9	0.33 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10279	0.000	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10279	0.295	RC9	0.35 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8952	0.252	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10279	0.295	RC9	0.33 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10279	0.295	RC9	0.36 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10279	0.295	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8952	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10279	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10279	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
587	Continuous Members 553 (Member No. 8949,10281)					
	8949	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10281	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10281	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10281	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10281	0.295	RC9	0.07 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10281	0.295	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10281	0.295	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10281	0.295	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10281	0.295	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8949	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10281	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
588	Continuous Members 548 (Member No. 8957,8958,10282)					
	8957	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8958	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8958	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8958	0.102	RC9	0.61 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8958	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8958	0.000	RC9	0.19 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8958	0.000	RC9	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8958	0.000	RC9	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8958	0.000	RC9	0.32 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8958	0.000	RC9	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8958	0.000	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8957	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8957	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8957	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
589	Continuous Members 549 (Member No. 8961,8962,10284)					
	8961	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8961	0.500	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8962	0.102	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8962	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8962	0.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8962	0.000	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8962	0.205	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8962	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8962	0.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8962	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8961	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8961	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
590	Continuous Members 552 (Member No. 8959,10283)					
	8959	0.505	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8959	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8959	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10283	0.000	RC9	0.40 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10283	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10283	0.295	RC9	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10283	0.295	RC9	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10283	0.295	RC9	0.31 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10283	0.295	RC9	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10283	0.295	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8959	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10283	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10283	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
591	Continuous Members 553 (Member No. 8956,10285)					
	8956	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10285	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10285	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10285	0.295	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10285	0.295	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10285	0.295	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8956	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
592	Continuous Members 548 (Member No. 8964,8965,10286)					
	8964	0.250	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8965	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8965	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8965	0.102	RC9	0.57 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8965	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8965	0.000	RC9	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8965	0.000	RC9	0.31 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8965	0.000	RC9	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8965	0.000	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8965	0.000	RC9	0.30 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8965	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8964	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8964	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8964	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
593	Continuous Members 549 (Member No. 8968,8969,10288)					
	10288	0.495	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8969	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8969	0.102	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8969	0.102	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8969	0.102	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8969	0.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8969	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8969	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8969	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8969	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8968	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10288	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10288	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
594	Continuous Members 552 (Member No. 8966,10287)					
	8966	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8966	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8966	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10287	0.000	RC9	0.38 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10287	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10287	0.295	RC9	0.29 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8966	0.505	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8966	0.505	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10287	0.295	RC9	0.29 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8966	0.505	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8966	0.505	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8966	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10287	0.148	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10287	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
595	Continuous Members 553 (Member No. 8963,10289)					
	10289	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10289	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10289	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
596	10289	0.295	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10289	0.295	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10289	0.295	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8963	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	Continuous Members 548 (Member No. 8971,8972,10290)						
	8971	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8972	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8972	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	8972	0.102	RC9	0.61 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8972	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8971	0.000	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8972	0.000	RC9	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8972	0.000	RC9	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
8972	0.000	RC9	0.32 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
8972	0.000	RC9	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes		
8972	0.000	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		
8971	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
8971	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
8971	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
597	Continuous Members 549 (Member No. 8975,8976,10292)						
	10292	0.495	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8976	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8976	0.102	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8976	0.102	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8976	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8976	0.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8976	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8976	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8976	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8976	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8975	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10292	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
10292	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
598	Continuous Members 552 (Member No. 8973,10291)						
	8973	0.252	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8973	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8973	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	10291	0.000	RC9	0.40 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	10291	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10291	0.295	RC9	0.30 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8973	0.505	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8973	0.505	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	8973	0.000	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	10291	0.295	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8973	0.505	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	8973	0.505	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
8973	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
10291	0.148	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
10291	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
599	Continuous Members 553 (Member No. 8970,10293)						
	10293	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10293	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
10293	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description		
600	10293	0.295	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	10293	0.295	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
	10293	0.295	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
	8970	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	Continuous Members 548 (Member No. 8978,8979,10294)							
	8978	0.250	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces		
	8979	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2		
	8979	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4		
	8979	0.205	RC9	0.58 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	8979	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	8978	0.000	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	8979	0.000	RC9	0.31 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3		
	8979	0.000	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3		
	8979	0.000	RC9	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4		
	8979	0.000	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
8979	0.000	RC9	0.30 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes			
8979	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis			
8978	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations			
8978	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction			
8978	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction			
601	Continuous Members 549 (Member No. 8982,8983,10296)							
	10296	0.495	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces		
	8983	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2		
	8983	0.102	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	8983	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	8983	0.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	8983	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3		
	8983	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
	8982	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	10296	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	10296	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	602	Continuous Members 552 (Member No. 8980,10295)						
		8980	0.252	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
		8980	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
		8980	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
10295		0.000	RC9	0.38 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
10295		0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
10295		0.295	RC9	0.29 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
8980		0.505	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3		
8980		0.505	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4		
8980		0.000	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes		
10295		0.295	RC9	0.29 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
8980		0.505	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes		
8980		0.505	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		
8980		0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
10295		0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
10295		0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
603		Continuous Members 553 (Member No. 8977,10297)						
		10297	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10297	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	10297	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	10297	0.295	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	10297	0.295	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
604	10297	0.295	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations	
	8977	0.000	CO13	0.00 ≤ 1	400)		
	Continuous Members 548 (Member No. 8985,8986,10298)						
	8986	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8986	0.102	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8986	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8986	0.000	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8986	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8986	0.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8985	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
605	Continuous Members 549 (Member No. 8993,8994,10300)						
	8994	0.102	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8994	0.102	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8994	0.102	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8994	0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8994	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8994	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8994	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8994	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8993	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
606	Continuous Members 552 (Member No. 8989,10299)						
	8989	0.505	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10299	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	10299	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10299	0.295	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10299	0.295	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10299	0.295	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8989	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10299	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10299	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
607	Continuous Members 553 (Member No. 8984,10301)						
	8984	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10301	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	10301	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10301	0.295	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10301	0.295	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8984	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
608	Continuous Members 548 (Member No. 8996,8997,10302)						
	8996	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8997	0.102	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8997	0.102	RC9	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8997	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8997	0.102	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8997	0.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8997	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8997	0.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8997	0.205	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8997	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8997	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	609	Continuous Members 549 (Member No. 9000,9001,10304)					
9000		0.250	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
9001		0.102	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
9001		0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
9001		0.102	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
9001		0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9001	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9001	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9001	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
610	Continuous Members 552 (Member No. 8998,10303)					
	8998	0.505	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10303	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10303	0.148	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10303	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10303	0.295	RC9	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10303	0.295	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10303	0.295	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
611	Continuous Members 553 (Member No. 8995,10305)					
	10305	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10305	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10305	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10305	0.295	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10305	0.295	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
612	Continuous Members 548 (Member No. 6332,8355,10193)					
	6332	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8355	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6332	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8355	0.102	RC9	0.25 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6332	0.250	RC9	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6332	0.250	RC9	0.44 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6332	0.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8355	0.000	RC9	0.49 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8355	0.205	RC9	0.71 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8355	0.000	RC9	0.38 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8355	0.205	RC9	0.99 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8355	0.000	RC9	0.38 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8355	0.205	RC9	1.00 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8355	0.205	RC9	0.55 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8355	0.000	RC9	0.38 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8355	0.205	RC9	1.00 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8355	0.205	RC9	0.32 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6332	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	6332	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6332	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6332	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8355	0.102	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
613	Continuous Members 549 (Member No. 8361,8362,10195)					
	8361	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10195	0.248	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10195	0.248	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10195	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8362	0.102	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8362	0.102	RC9	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8362	0.102	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10195	0.248	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10195	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10195	0.248	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis a

Project:

Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10195	0.000	RC9	0.11 ≤ 1	162)	and tension acc. to 6.2.3
	10195	0.000	RC9	0.26 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10195	0.248	RC9	0.03 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10195	0.248	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10195	0.000	RC9	0.22 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10195	0.495	CO7	0.00 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8362	0.205	RC9	0.15 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10195	0.248	RC9	0.06 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10195	0.248	RC9	0.05 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10195	0.000	RC9	0.26 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8362	0.205	RC9	0.06 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8361	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10195	0.248	CO16	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10195	0.248	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10195	0.248	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10195	0.248	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10195	0.248	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
614	Continuous Members 552 (Member No. 8359,10194)					
	8359	0.252	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10194	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10194	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8359	0.252	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8359	0.252	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10194	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8359	0.252	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10194	0.000	CO4	0.17 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8359	0.252	RC9	0.09 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10194	0.000	RC9	0.60 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10194	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10194	0.000	RC9	0.55 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10194	0.000	RC9	0.32 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10194	0.000	CO2	0.03 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10194	0.000	RC9	0.60 ≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10194	0.000	RC9	0.15 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8359	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10194	0.148	CO16	0.01 ≤ 1	401)	Serviceability - Negligible deformations
	10194	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10194	0.148	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10194	0.148	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10194	0.148	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
615	Continuous Members 553 (Member No. 6327,10196)					
	10196	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10196	0.295	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10196	0.148	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10196	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10196	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10196	0.000	RC9	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10196	0.295	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10196	0.000	RC9	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10196	0.000	RC9	0.18 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10196	0.295	RC9	0.01 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10196	0.295	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

Project:

Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10196	0.000	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10196	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10196	0.295	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10196	0.148	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10196	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10196	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10196	0.295	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10196	0.148	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10196	0.000	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10196	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6327	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10196	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10196	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
617	Continuous Members 549 (Member No. 8425,8437,10199)					
	8425	0.250	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8425	0.250	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10199	0.248	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8437	0.102	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8437	0.102	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10199	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8437	0.102	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10199	0.000	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10199	0.248	RC9	0.20 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8425	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8437	0.205	RC9	0.53 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10199	0.248	RC9	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10199	0.248	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8437	0.205	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8425	0.500	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8437	0.205	RC9	0.35 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8425	0.250	RC9	0.18 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8425	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8437	0.205	RC9	0.50 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8437	0.205	RC9	0.19 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8425	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10199	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10199	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10199	0.248	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10199	0.248	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
619	Continuous Members 553 (Member No. 8363,10200)					
	8363	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10200	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10200	0.148	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10200	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10200	0.000	RC9	0.15 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10200	0.000	RC9	0.18 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10200	0.295	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10200	0.000	RC9	0.32 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10200	0.000	RC9	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10200	0.295	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis

Project:

Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10200	0.000	RC9	0.35 ≤ 1	163)	and tension acc. to 6.2.3 Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10200	0.295	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10200	0.148	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10200	0.000	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10200	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10200	0.295	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10200	0.148	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10200	0.000	RC9	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10200	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8363	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10200	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10200	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10200	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10200	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
621	Continuous Members 549 (Member No. 8806,8807,10231)					
	8807	0.205	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8807	0.205	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8807	0.205	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10231	0.248	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8807	0.102	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8807	0.102	RC9	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8806	0.500	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8806	0.500	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10231	0.000	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8807	0.205	RC9	0.43 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8806	0.000	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8807	0.205	RC9	0.53 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8807	0.205	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10231	0.495	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8807	0.205	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8806	0.500	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8807	0.205	RC9	0.36 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8807	0.205	RC9	0.41 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10231	0.495	CO10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8807	0.205	RC9	0.50 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8807	0.205	RC9	0.20 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8806	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10231	0.248	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10231	0.248	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10231	0.248	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10231	0.248	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
623	Continuous Members 553 (Member No. 8438,10232)					
	8438	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10232	0.295	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10232	0.295	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10232	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10232	0.000	RC9	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10232	0.000	RC9	0.19 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10232	0.295	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	10232	0.000	RC9	0.34	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10232	0.295	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10232	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10232	0.295	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10232	0.148	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10232	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10232	0.295	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10232	0.000	RC9	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10232	0.295	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8438	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10232	0.148	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10232	0.148	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10232	0.148	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
624	Continuous Members 548 (Member No. 8809,8813,10254)						
	8809	0.250	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8809	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8809	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8813	0.102	RC9	0.24	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8813	0.000	RC9	0.17	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8813	0.102	RC9	0.44	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8809	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8809	0.500	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8813	0.205	RC9	0.92	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8809	0.000	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8813	0.205	RC9	0.94	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8809	0.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8813	0.205	RC9	0.79	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8813	0.205	RC9	0.54	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8809	0.000	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8813	0.205	RC9	0.79	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8813	0.205	RC9	0.30	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8809	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8809	0.250	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8809	0.250	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8809	0.250	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8813	0.102	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
625	Continuous Members 549 (Member No. 8820,8821,10263)						
	8821	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8820	0.250	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8820	0.250	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10263	0.000	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8821	0.102	RC9	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8821	0.102	RC9	0.15	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8820	0.500	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8820	0.000	RC9	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8820	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8820	0.250	RC9	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10263	0.000	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8821	0.205	RC9	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8820	0.250	RC9	0.06 ≤ 1	171)	to 6.2.3 Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8820	0.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8821	0.205	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8820	0.250	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8821	0.205	RC9	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8820	0.250	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8820	0.000	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8821	0.205	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8821	0.205	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8820	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10263	0.248	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10263	0.248	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10263	0.248	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10263	0.248	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
626	Continuous Members 552 (Member No. 8814,10255)					
	8814	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10255	0.000	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8814	0.252	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10255	0.148	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10255	0.148	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8814	0.252	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10255	0.000	CO11	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10255	0.000	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10255	0.148	RC9	0.17 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10255	0.000	RC9	0.51 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10255	0.000	RC9	0.36 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10255	0.148	RC9	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10255	0.000	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10255	0.000	RC9	0.17 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8814	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10255	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10255	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10255	0.148	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10255	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
627	Continuous Members 553 (Member No. 8808,10264)					
	10264	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10264	0.295	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10264	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10264	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10264	0.000	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10264	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10264	0.295	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10264	0.000	RC9	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10264	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10264	0.295	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10264	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10264	0.295	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10264	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10264	0.000	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10264	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10264	0.295	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10264	0.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10264	0.000	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10264	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8808	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10264	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
628	Continuous Members 548 (Member No. 9032,9035,10332)					
	9032	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9035	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9035	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9035	0.102	RC9	0.71 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9035	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9035	0.102	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9032	0.000	RC9	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9032	0.000	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9032	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9035	0.000	RC9	0.38 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9035	0.000	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9035	0.000	RC9	0.37 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9035	0.000	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9035	0.000	RC9	0.37 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9035	0.000	RC9	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9035	0.000	RC9	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9035	0.000	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9032	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9032	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9032	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
629	Continuous Members 549 (Member No. 9038,9039,10334)					
	10334	0.495	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9039	0.205	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9039	0.205	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9039	0.102	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9039	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9039	0.102	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9038	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9039	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9039	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9039	0.102	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10334	0.248	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9039	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9039	0.000	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10334	0.248	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9039	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9038	0.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9039	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9039	0.000	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10334	0.248	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9039	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9039	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9038	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9039	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9039	0.102	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9039	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
630	Continuous Members 552 (Member No. 9036,10333)					
	9036	0.252	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9036	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9036	0.505	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10333	0.000	RC9	0.46 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10333	0.148	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10333	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10333	0.295	RC9	0.33 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9036	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10333	0.295	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10333	0.295	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10333	0.295	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10333	0.295	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9036	0.252	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10333	0.295	RC9	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9036	0.000	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10333	0.295	RC9	0.33 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10333	0.295	RC9	0.36 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9036	0.252	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10333	0.295	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10333	0.295	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9036	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10333	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10333	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
631	Continuous Members 553 (Member No. 9029,10335)					
	9029	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10335	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10335	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10335	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10335	0.295	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10335	0.148	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10335	0.295	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10335	0.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10335	0.295	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9029	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10335	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10335	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
632	Continuous Members 548 (Member No. 9041,9042,10336)					
	9041	0.000	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9042	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9042	0.205	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9042	0.102	RC9	0.71 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9042	0.102	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9041	0.000	RC9	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9042	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9042	0.000	RC9	0.38 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9042	0.000	RC9	0.37 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9042	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9042	0.000	RC9	0.37 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9042	0.000	RC9	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9042	0.000	RC9	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9042	0.000	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9041	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9041	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9041	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
633	Continuous Members 549 (Member No. 9045,9046,10338)					
	10338	0.248	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9046	0.102	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9046	0.205	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9046	0.102	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9046	0.205	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9046	0.102	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9045	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10338	0.495	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9046	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9046	0.102	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10338	0.248	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9046	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9046	0.102	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9045	0.000	CO5	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9046	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9045	0.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9046	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9046	0.102	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9045	0.000	CO5	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9046	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9046	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9045	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9046	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9046	0.102	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9046	0.102	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
634	Continuous Members 552 (Member No. 9043,10337)					
	9043	0.252	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9043	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9043	0.505	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10337	0.000	RC9	0.46 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9043	0.505	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10337	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10337	0.295	RC9	0.33 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9043	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10337	0.295	RC9	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10337	0.000	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9043	0.252	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10337	0.295	RC9	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9043	0.252	RC9	0.00 ≤ 1	172)	and compression acc. to 6.2.4
	10337	0.295	RC9	0.36 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9043	0.000	RC9	0.00 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10337	0.295	RC9	0.33 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10337	0.295	RC9	0.36 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9043	0.252	RC9	0.01 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10337	0.295	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10337	0.295	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9043	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10337	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10337	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9043	0.252	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
635	Continuous Members 553 (Member No. 9040,10339)					
	9040	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10339	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10339	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10339	0.148	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10339	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10339	0.295	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10339	0.295	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10339	0.148	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10339	0.148	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10339	0.295	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9040	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10339	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10339	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
636	Continuous Members 548 (Member No. 9048,9049,10340)					
	9048	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9049	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9049	0.102	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9049	0.102	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9049	0.102	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9049	0.205	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9049	0.000	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9049	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9049	0.000	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9049	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9049	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9048	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9048	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9048	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
637	Continuous Members 549 (Member No. 9052,9053,10342)					
	9052	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9053	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9053	0.205	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9053	0.102	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9053	0.205	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9053	0.102	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9053	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9053	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9053	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9053	0.000	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9053	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9053	0.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9052	0.000	CO4	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9053	0.000	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10342	0.248	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9053	0.000	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9052	0.000	CO5	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9052	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9053	0.102	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9053	0.102	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9053	0.102	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
638	Continuous Members 552 (Member No. 9050,10341)					
	9050	0.505	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9050	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9050	0.505	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10341	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10341	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10341	0.148	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9050	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10341	0.295	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10341	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Biaxial bending about y-axis and tension acc. to 6.2.3
	9050	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10341	0.295	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10341	0.000	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9050	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10341	0.295	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10341	0.295	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10341	0.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9050	0.000	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10341	0.295	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10341	0.295	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9050	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10341	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10341	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9050	0.252	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
639	Continuous Members 553 (Member No. 9047,10343)					
	9047	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10343	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10343	0.295	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10343	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10343	0.295	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10343	0.295	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10343	0.295	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9047	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10343	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10343	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10343	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
640	Continuous Members 548 (Member No. 9055,9056,10344)					
	9055	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9056	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9056	0.102	RC9	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9056	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9056	0.102	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9056	0.205	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9056	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9056	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9056	0.000	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9056	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9056	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9055	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9055	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9055	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9055	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9055	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
641	Continuous Members 549 (Member No. 9059,9060,10346)					
	10346	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9060	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9060	0.205	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9060	0.102	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9060	0.102	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9060	0.102	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9059	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9060	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9060	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9060	0.000	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10346	0.000	RC9	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9060	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9060	0.102	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10346	0.248	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9060	0.000	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9059	0.250	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9060	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9060	0.102	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10346	0.248	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9060	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9060	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9059	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9060	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
9060	0.102	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9060	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
9060	0.102	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
642	Continuous Members 552 (Member No. 9057,10345)					
	9057	0.252	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9057	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9057	0.505	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10345	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10345	0.148	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
10345	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10345	0.295	RC9	0.12 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9057	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10345	0.295	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9057	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10345	0.295	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9057	0.252	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10345	0.295	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10345	0.295	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10345	0.295	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9057	0.252	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10345	0.295	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10345	0.295	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9057	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10345	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10345	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9057	0.252	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9057	0.252	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
643	Continuous Members 553 (Member No. 9054,10347)					
	9054	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10347	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10347	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10347	0.295	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10347	0.295	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10347	0.295	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9054	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10347	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10347	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
724	Continuous Members 81 (Member No. 10500,10754-10756)					
	10500	0.000	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10500	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10500	0.210	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10756	0.025	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10754	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10756	0.025	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10500	0.000	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10756	0.000	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10500	0.000	RC9	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10755	0.250	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10756	0.000	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10754	0.500	CO5	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10500	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10500	0.000	RC9	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10755	0.250	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10756	0.000	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10500	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10500	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10500	0.210	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10500	0.210	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10754	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10754	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
725	Continuous Members 82 (Member No. 10502,10759,10760)					
	10759	0.000	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10760	0.225	RC9	0.34 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10759	0.250	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10502	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10760	0.450	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10760	0.450	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10760	0.450	CO12	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10502	0.125	CO4	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10760	0.450	RC9	0.50 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10759	0.250	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10760	0.450	RC9	0.41 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10759	0.000	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10502	0.125	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10760	0.450	RC9	0.57 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10760	0.450	RC9	0.27 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10502	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10760	0.225	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10760	0.225	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10759	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10759	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
726	Continuous Members 83 (Member No. 10504,10765-10767)					
	10766	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10766	0.250	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10504	0.210	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10504	0.210	RC9	0.17 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10767	0.025	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10767	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10766	0.250	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10766	0.500	RC9	0.23 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10504	0.000	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10504	0.420	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10504	0.210	RC9	0.26 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10504	0.000	RC9	0.57 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10765	0.500	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10504	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10504	0.420	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10504	0.210	RC9	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10504	0.000	RC9	0.59 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10504	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10504	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10504	0.210	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10504	0.210	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10504	0.210	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10766	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
727	Continuous Members 84 (Member No. 10506,10770,10771)					
	10771	0.225	RC9	0.13 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10771	0.225	RC9	0.09 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10771	0.450	RC9	0.60 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10506	0.000	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10506	0.000	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10770	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10770	0.000	RC9	0.39 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10506	0.125	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10771	0.450	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10771	0.225	RC9	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10506	0.250	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10771	0.450	RC9	0.70 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10770	0.250	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10771	0.450	RC9	0.62 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10771	0.225	RC9	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10506	0.250	CO2	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10771	0.450	RC9	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10771	0.450	RC9	0.52 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10506	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10771	0.225	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10771	0.225	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10506	0.125	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10506	0.125	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
728	Continuous Members 85 (Member No. 10508,10776-10778)					
	10778	0.050	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10777	0.250	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10508	0.210	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10778	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10778	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10508	0.420	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10778	0.000	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10508	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10508	0.000	CO4	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10508	0.210	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10508	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10776	0.500	CO5	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10508	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10508	0.000	CO4	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10508	0.210	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10508	0.420	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10508	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10508	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10508	0.210	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10508	0.210	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10508	0.210	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10508	0.210	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
729	Continuous Members 86 (Member No. 10510,10781,10782)					
	10781	0.250	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10782	0.225	RC9	0.35 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10510	0.125	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10510	0.125	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10782	0.450	RC9	0.52 ≤ 1	163)	6.1.8 Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10781	0.000	CO12	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10510	0.250	CO2	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10782	0.450	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10781	0.250	CO3	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10782	0.450	RC9	0.40 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10781	0.500	CO6	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10510	0.250	CO2	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10782	0.450	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10782	0.450	RC9	0.26 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10510	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10782	0.225	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10782	0.225	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10510	0.125	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10510	0.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
730	Continuous Members 87 (Member No. 10512,10787-10789)					
	10788	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10787	0.500	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10512	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10512	0.210	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10789	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10787	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10512	0.210	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10788	0.250	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10787	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10512	0.000	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10787	0.250	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10512	0.000	RC9	0.47 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10512	0.000	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10787	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10512	0.420	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10787	0.250	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10512	0.000	RC9	0.47 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10512	0.000	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10512	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10512	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10512	0.210	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10512	0.210	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10512	0.210	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10512	0.210	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
731	Continuous Members 88 (Member No. 10514,10792,10793)					
	10514	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10793	0.225	RC9	0.67 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10514	0.000	RC9	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10514	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10793	0.450	RC9	1.01 > 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10514	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10514	0.250	CO4	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10793	0.450	RC9	0.87 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10514	0.125	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10793	0.450	RC9	0.77 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10514	0.000	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10514	0.250	CO4	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10793	0.450	RC9	0.96 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10793	0.450	RC9	0.70 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10514	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10793	0.225	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10793	0.225	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10793	0.225	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10793	0.225	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
732	Continuous Members 89 (Member No. 10516,10798-10800)					
	10799	0.000	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10798	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10516	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10516	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10800	0.025	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10798	0.000	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10798	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10799	0.000	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10516	0.210	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10516	0.420	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10798	0.500	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10516	0.420	RC9	0.23 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10516	0.420	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10798	0.500	CO8	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10800	0.000	RC9	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10798	0.500	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10516	0.420	RC9	0.29 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10516	0.420	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10800	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10516	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10516	0.210	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10516	0.210	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10516	0.210	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10516	0.210	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
733	Continuous Members 90 (Member No. 10518,10803,10804)					
	10518	0.000	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10518	0.000	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10804	0.225	RC9	0.48 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10803	0.000	RC9	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10518	0.000	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10518	0.000	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10518	0.000	RC9	0.28 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10804	0.450	RC9	0.79 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10518	0.000	RC9	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10803	0.500	CO5	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10804	0.450	RC9	0.71 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10518	0.000	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10804	0.450	RC9	0.69 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10518	0.000	RC9	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10803	0.500	CO5	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10804	0.450	RC9	0.76 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10804	0.450	RC9	0.53 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10518	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10804	0.225	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10804	0.225	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10804	0.225	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10518	0.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
734	Continuous Members 91 (Member No. 10520,10809)					
	10809	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10520	0.000	RC9	0.32 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10520	0.000	RC9	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10520	0.000	RC9	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10520	0.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10520	0.050	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10520	0.050	CO5	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10520	0.000	RC9	0.50 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10520	0.000	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10520	0.000	RC9	0.34 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10520	0.000	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10520	0.000	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10520	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10520	0.025	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10520	0.025	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10520	0.025	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10520	0.025	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
735	Continuous Members 92 (Member No. 10521,10810)					
	10810	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10521	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10521	0.025	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10521	0.000	RC9	0.55 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10521	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10521	0.000	RC9	0.70 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10521	0.050	RC9	0.33 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10521	0.000	RC9	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10521	0.000	RC9	0.29 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10521	0.000	RC9	0.55 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10521	0.025	RC9	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10521	0.050	RC9	0.33 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10521	0.000	RC9	0.56 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10521	0.000	RC9	0.28 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10521	0.025	RC9	0.22 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10521	0.050	RC9	0.34 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10521	0.000	RC9	0.57 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10521	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10521	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10521	0.025	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10521	0.025	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10521	0.025	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
736	Continuous Members 93 (Member No. 10522,10811)					
	10811	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10522	0.000	RC9	0.34 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10522	0.025	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10522	0.025	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10522	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10522	0.050	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10522	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10522	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10522	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10522	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10522	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10522	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10522	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10522	0.025	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10522	0.025	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
737	Continuous Members 94 (Member No. 10523,10812)					
	10812	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10523	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10523	0.025	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10523	0.000	RC9	0.50 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10523	0.000	RC9	0.21 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10523	0.000	RC9	0.38 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10523	0.025	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10523	0.000	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10523	0.000	RC9	0.18 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10523	0.000	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10523	0.025	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10523	0.000	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10523	0.000	RC9	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10523	0.025	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10523	0.000	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10523	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10523	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10523	0.025	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10523	0.025	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10523	0.025	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10523	0.025	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
738	Continuous Members 95 (Member No. 10524,10813)					
	10813	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10524	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10524	0.000	RC9	0.27 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10524	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10524	0.000	RC9	0.37 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10524	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10524	0.050	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10524	0.050	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10524	0.050	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10524	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10524	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10524	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10524	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10524	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10524	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10524	0.025	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10524	0.025	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
739	Continuous Members 96 (Member No. 10501,10757,10758)					
	10501	0.225	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10758	0.250	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10758	0.125	RC9	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10758	0.125	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10758	0.125	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10501	0.225	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10501	0.000	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10501	0.000	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10758	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10758	0.250	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10501	0.450	CO5	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10758	0.000	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10757	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10758	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10758	0.250	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10501	0.450	CO5	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10758	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10758	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10501	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10501	0.225	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10501	0.225	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10758	0.125	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10758	0.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
740	Continuous Members 97 (Member No. 10503,10761-10764)					
	10503	0.050	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10503	0.025	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10503	0.000	RC9	0.48 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10503	0.000	RC9	0.17 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10503	0.000	RC9	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10763	0.500	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10503	0.050	RC9	0.52 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10503	0.000	RC9	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10503	0.000	CO12	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10764	0.225	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10503	0.000	RC9	0.80 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10764	0.225	CO6	0.04 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10503	0.000	RC9	0.60 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10503	0.025	CO3	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10764	0.225	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10503	0.000	RC9	0.84 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10503	0.000	RC9	0.48 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10503	0.000	CO13	0.00 ≤ 1	400)	Bending about y-axis
	10762	0.250	CO17	0.01 ≤ 1	401)	Serviceability - Negligible deformations
	10764	0.225	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10763	0.250	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10764	0.225	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10764	0.225	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
741	Continuous Members 98 (Member No. 10505,10768,10769)					
	10769	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10768	0.160	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10769	0.125	RC9	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10769	0.125	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10769	0.125	RC9	0.18 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10505	0.450	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10769	0.250	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10769	0.250	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10769	0.000	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10768	0.160	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10505	0.225	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10769	0.000	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10768	0.160	CO4	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10769	0.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10768	0.160	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10505	0.225	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10769	0.000	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10769	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10505	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10505	0.225	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10505	0.225	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10505	0.225	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10769	0.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
743	Continuous Members 100 (Member No. 10509,10779,10780)					
	10779	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10780	0.250	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10780	0.125	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10509	0.110	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10780	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10779	0.250	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10780	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10780	0.250	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10780	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10779	0.250	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10780	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10780	0.250	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10779	0.500	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10509	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10509	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10509	0.110	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10509	0.110	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10780	0.125	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10780	0.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
744	Continuous Members 101 (Member No. 10511,10783-10786)					
	10784	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10784	0.250	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10511	0.000	RC9	0.63 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10511	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10511	0.025	RC9	0.36 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10786	0.000	RC9	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10783	0.250	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10511	0.000	RC9	0.83 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10511	0.000	CO12	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10511	0.050	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10511	0.000	RC9	0.83 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10783	0.250	CO2	0.04 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10511	0.000	RC9	0.74 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10511	0.000	CO12	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10511	0.050	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10511	0.000	RC9	0.86 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10511	0.000	RC9	0.60 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10511	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10785	0.250	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10786	0.225	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10786	0.225	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10785	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
745	Continuous Members 102 (Member No. 10513,10790,10791,11765)					
	10791	0.125	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10513	0.055	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10791	0.125	RC9	0.29 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10791	0.125	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10791	0.125	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10791	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10791	0.125	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10790	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10791	0.250	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10791	0.125	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10791	0.000	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10790	0.250	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10790	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10791	0.250	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10791	0.125	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10791	0.000	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10791	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10513	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10791	0.125	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10791	0.125	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10791	0.125	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10791	0.125	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
747	Continuous Members 104 (Member No. 10517,10801,10802)					
	10802	0.250	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10517	0.225	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10802	0.125	RC9	0.24 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	10802	0.000	RC9	0.10 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	10802	0.125	RC9	0.08 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10802	0.250	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10801	0.500	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10801	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10802	0.250	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10801	0.000	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10801	0.000	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10801	0.500	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10802	0.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10801	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10801	0.000	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10801	0.000	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10801	0.500	CO6	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10802	0.000	RC9	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10801	0.000	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10517	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10517	0.225	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10517	0.225	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10802	0.125	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10802	0.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
748	Continuous Members 105 (Member No. 10519,10805-10808)					
	10807	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10807	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10519	0.000	RC9	0.76 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10519	0.000	RC9	0.25 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10519	0.000	RC9	0.36 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10805	0.000	RC9	0.82 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10806	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10519	0.000	RC9	1.01 > 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10519	0.050	CO6	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10805	0.500	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10519	0.000	RC9	1.00 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10519	0.025	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10519	0.000	RC9	0.88 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10519	0.050	CO6	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10805	0.500	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10519	0.000	RC9	1.03 > 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10519	0.000	RC9	0.83 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10519	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10805	0.250	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10805	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10806	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10805	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
749	Continuous Members 749 (Member No. 9266,10833)					
	10833	0.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10833	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10833	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9266	0.217	RC9	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9266	0.000	RC9	0.05 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	10833	0.250	RC9	0.29 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10833	0.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10833	0.500	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9266	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10833	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9266	0.433	CO9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9266	0.433	RC9	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10833	0.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9266	0.433	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9266	0.433	RC9	0.62 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10833	0.000	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9266	0.433	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9266	0.433	RC9	0.41 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9266	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9266	0.217	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9266	0.217	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9266	0.217	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9266	0.217	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
752	Continuous Members 752 (Member No. 10705,10836)					
	10836	0.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10705	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10705	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10705	0.217	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10705	0.433	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10836	0.250	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10836	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10705	0.217	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10836	0.500	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10705	0.000	RC9	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10705	0.433	CO5	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10705	0.433	RC9	0.81 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10705	0.000	RC9	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10705	0.433	RC9	0.77 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10705	0.433	RC9	0.65 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10705	0.000	RC9	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10705	0.433	RC9	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10705	0.433	RC9	0.44 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10705	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10705	0.217	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10705	0.217	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10705	0.217	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10705	0.217	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
753	Continuous Members 753 (Member No. 9275,10011,10838)					
	9275	0.500	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9275	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10838	0.133	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10838	0.000	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10838	0.000	RC9	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	10838	0.000	RC9	0.42	≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10838	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9275	0.000	RC9	0.49	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10838	0.000	RC9	0.67	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9275	0.250	RC9	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10838	0.000	RC9	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10838	0.133	RC9	0.25	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10838	0.000	RC9	0.66	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10838	0.000	RC9	0.34	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10838	0.133	RC9	0.26	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10838	0.000	RC9	0.67	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10838	0.000	RC9	0.13	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9275	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9275	0.250	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9275	0.250	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10838	0.067	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10838	0.067	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
756	Continuous Members 756 (Member No. 10708,10709,10844)						
	10708	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10708	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10708	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10844	0.000	RC9	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10844	0.067	RC9	0.13	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10844	0.000	RC9	0.48	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10708	0.500	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10708	0.250	CO9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10844	0.000	RC9	0.59	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10708	0.500	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10844	0.000	RC9	0.82	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10708	0.500	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10844	0.000	RC9	0.80	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10844	0.000	RC9	0.33	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10708	0.500	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10844	0.000	RC9	0.81	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10844	0.000	RC9	0.12	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10708	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10708	0.250	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10708	0.250	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10844	0.067	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10844	0.067	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
757	Continuous Members 757 (Member No. 9268,9273,10837)						
	9268	0.000	RC9	0.08	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9273	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9273	0.183	RC9	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10837	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10837	0.033	RC9	0.17	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9273	0.183	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10837	0.000	CO10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10837	0.000	CO11	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9268	0.250	RC9	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9268	0.000	RC9	0.24	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10837	0.000	RC9	0.47	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9273	0.000	RC9	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10837	0.000	RC9	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9273	0.367	RC9	0.28	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9273	0.000	RC9	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10837	0.000	RC9	0.44	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9273	0.367	RC9	0.14	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9268	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9268	0.250	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9268	0.250	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9268	0.250	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9268	0.250	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
758	Continuous Members 758 (Member No. 10060,10063,10839)						
	10060	0.000	RC9	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10839	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10063	0.183	RC9	0.34	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10839	0.000	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10839	0.000	RC9	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10839	0.000	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10060	0.250	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10839	0.000	RC9	0.56	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10060	0.000	RC9	0.47	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10060	0.500	CO11	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10063	0.367	RC9	1.01	> 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10839	0.000	CO1	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10063	0.367	RC9	0.74	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10063	0.367	RC9	0.68	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10839	0.000	CO1	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10063	0.367	RC9	0.85	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10063	0.367	RC9	0.59	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10060	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10060	0.250	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10060	0.250	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10060	0.250	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10060	0.250	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
759	Continuous Members 759 (Member No. 10652,10654,10841)						
	10654	0.000	CO9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10841	0.067	CO1	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10654	0.183	RC9	0.31	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10841	0.000	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10841	0.000	RC9	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10652	0.000	CO1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10841	0.067	CO5	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10652	0.000	CO4	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10654	0.000	CO9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10652	0.250	CO5	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10841	0.000	RC9	0.99	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10841	0.067	CO1	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10841	0.000	RC9	0.76	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	10841	0.000	RC9	0.62 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	10841	0.067	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	10841	0.000	RC9	0.89 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	10841	0.000	RC9	0.58 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	10652	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10652	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10652	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10652	0.250	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	10652	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	760	Continuous Members 760 (Member No. 10706,10707,10843)					
		10707	0.367	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		10706	0.500	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
		10707	0.183	RC9	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10843	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	10843	0.000	RC9	0.24 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10843	0.000	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10707	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	10707	0.367	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10707	0.367	CO12	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	10707	0.000	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	10843	0.000	RC9	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	10706	0.500	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	10843	0.000	RC9	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	10707	0.367	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	10706	0.500	RC9	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	10843	0.000	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	10707	0.367	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	10706	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10706	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10706	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10706	0.250	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	10706	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
761	Continuous Members 761 (Member No. 1171,10886)						
	10886	0.500	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1171	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1171	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1171	0.217	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1171	0.217	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	10886	0.250	RC9	0.32 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1171	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10886	0.500	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1171	0.000	RC9	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1171	0.433	RC9	0.79 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1171	0.000	RC9	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1171	0.433	RC9	0.77 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1171	0.433	RC9	0.62 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1171	0.000	RC9	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	1171	0.433	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1171	0.433	RC9	0.41 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	1171	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1171	0.217	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 -	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1171	0.217	CO25	0.00 ≤ 1	402)	Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1171	0.217	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1171	0.217	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
764	Continuous Members 764 (Member No. 1444,10889)					
	10889	0.250	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10889	0.250	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10889	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1444	0.217	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1444	0.217	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10889	0.250	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1444	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10889	0.500	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10889	0.250	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1444	0.433	RC9	0.79 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10889	0.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1444	0.433	RC9	0.76 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1444	0.433	RC9	0.60 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10889	0.000	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1444	0.433	RC9	0.77 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1444	0.433	RC9	0.38 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1444	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1444	0.217	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1444	0.217	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1444	0.217	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1444	0.217	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
765	Continuous Members 765 (Member No. 1175,1176,10891)					
	1175	0.250	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1175	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1175	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10891	0.000	RC9	0.26 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10891	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10891	0.000	RC9	0.58 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10891	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10891	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1175	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10891	0.000	RC9	0.55 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1175	0.500	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10891	0.000	RC9	0.55 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1175	0.500	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10891	0.000	RC9	0.44 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1175	0.500	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10891	0.000	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10891	0.000	RC9	0.21 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1175	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1175	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1175	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
768	Continuous Members 768 (Member No. 1457,1474,10897)					
	1457	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1457	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1457	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10897	0.000	RC9	0.25 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10897	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10897	0.000	RC9	0.57 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10897	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1457	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10897	0.000	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10897	0.000	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1457	0.500	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10897	0.000	RC9	0.44 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10897	0.000	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10897	0.000	RC9	0.21 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1457	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1457	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1457	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
769	Continuous Members 769 (Member No. 1173,1174,10890)					
	1173	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1173	0.250	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1174	0.183	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10890	0.033	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10890	0.033	RC9	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10890	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10890	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1173	0.500	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1174	0.367	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1173	0.250	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1174	0.367	RC9	0.43 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1174	0.367	RC9	0.32 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1173	0.250	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1174	0.367	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1174	0.367	RC9	0.17 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1173	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1173	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1173	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1173	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1173	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
772	Continuous Members 772 (Member No. 1445,1456,10896)					
	1445	0.000	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1445	0.000	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1456	0.183	RC9	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10896	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10896	0.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10896	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1445	0.000	RC9	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1456	0.367	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1445	0.000	RC9	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1456	0.367	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1456	0.367	RC9	0.37 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1445	0.000	RC9	0.22 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1456	0.367	RC9	0.48 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7909	0.100	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7909	0.000	RC9	0.21 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7909	0.000	RC9	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7909	0.050	CO3	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7926	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7909	0.000	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7909	0.100	RC9	0.58 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7909	0.000	RC9	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7909	0.000	RC9	0.81 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7909	0.000	RC9	0.74 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7909	0.000	RC9	0.82 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7909	0.000	RC9	0.55 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7909	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7909	0.050	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7926	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7926	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7909	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
776	Continuous Members 776 (Member No. 7948,7965,7982)					
	7982	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7965	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7965	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7948	0.050	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7948	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7948	0.000	RC9	0.19 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7965	0.000	CO9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7965	0.500	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7965	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7965	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7948	0.000	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7948	0.000	CO12	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7965	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7948	0.000	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7948	0.000	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7948	0.000	CO12	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7965	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7948	0.000	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7948	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7948	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7965	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7965	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7965	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7965	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
777	Continuous Members 777 (Member No. 8006,8023,8059)					
	8059	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8023	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8006	0.000	RC9	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8006	0.050	RC9	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8006	0.050	RC9	0.57 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8006	0.000	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8023	0.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8006	0.000	CO5	0.04 ≤ 1	153)	acc. to 6.1.6
	8023	0.250	RC9	0.09 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8006	0.000	RC9	0.31 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8006	0.000	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8006	0.000	RC9	0.23 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8006	0.000	RC9	0.32 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8006	0.000	RC9	0.07 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8006	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8023	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	8023	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8006	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8006	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
778	Continuous Members 778 (Member No. 8083,8100,8117)					
	8100	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8083	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8083	0.000	RC9	0.36 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8083	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8083	0.000	RC9	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8083	0.000	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8100	0.500	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8083	0.000	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8083	0.000	RC9	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8083	0.000	RC9	0.41 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8083	0.000	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8083	0.000	RC9	0.44 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8083	0.000	RC9	0.42 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8083	0.000	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8083	0.000	RC9	0.20 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8083	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8100	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8100	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8083	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
779	Continuous Members 779 (Member No. 8122,8139,8156)					
	8139	0.250	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8122	0.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8122	0.050	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8122	0.000	RC9	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8122	0.000	RC9	0.43 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8139	0.250	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8139	0.500	RC9	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8139	0.000	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8122	0.000	CO5	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8122	0.100	CO5	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8122	0.000	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8122	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8122	0.000	CO5	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8122	0.100	CO5	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8122	0.000	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8122	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8139	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8139	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8122	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8122	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
780	Continuous Members 780 (Member No. 8161,8178,8195)					
	8178	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8178	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8178	0.250	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8161	0.050	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8161	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8161	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8161	0.000	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8178	0.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8178	0.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8178	0.250	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8161	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8178	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8161	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8161	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8178	0.250	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8161	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8161	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8161	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8178	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8178	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8161	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8161	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
781	Continuous Members 781 (Member No. 8219,8236,8272)					
	8236	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8236	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8236	0.250	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8219	0.050	RC9	0.30 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8219	0.050	RC9	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8219	0.050	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8236	0.500	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8236	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8219	0.100	CO3	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8236	0.250	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8219	0.100	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8236	0.250	RC9	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8219	0.100	RC9	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8219	0.100	RC9	0.38 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8236	0.250	RC9	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8219	0.100	RC9	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8219	0.100	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8219	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8236	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8236	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8219	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8219	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
782	Continuous Members 782 (Member No. 8296,8313,8330)					

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8313	0.250	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8296	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8296	0.050	RC9	0.39	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8296	0.050	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8296	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8296	0.000	CO5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8296	0.100	CO7	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8296	0.100	CO3	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8296	0.000	RC9	0.36	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8296	0.100	RC9	0.54	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8296	0.100	RC9	0.53	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8296	0.100	RC9	0.49	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8296	0.100	RC9	0.54	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8296	0.100	RC9	0.25	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8296	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8313	0.250	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8313	0.250	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8296	0.050	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8296	0.050	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
783	Continuous Members 783 (Member No. 8335,8352,8369)						
	8352	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8335	0.050	RC9	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8335	0.000	RC9	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8335	0.000	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8352	0.250	RC9	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8352	0.000	RC9	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8335	0.100	RC9	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8335	0.100	RC9	0.30	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8335	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8352	0.250	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8352	0.250	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8335	0.050	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8335	0.050	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
784	Continuous Members 784 (Member No. 8374,8410,8427)						
	8410	0.250	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8374	0.050	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8374	0.050	RC9	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8374	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8374	0.000	RC9	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8410	0.250	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8374	0.050	CO4	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8374	0.100	CO5	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8374	0.100	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8374	0.050	RC9	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8374	0.100	RC9	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8374	0.100	RC9	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8374	0.050	RC9	0.14	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8374	0.100	RC9	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8374	0.100	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8374	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8410	0.250	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8410	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8374	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8374	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
785	Continuous Members 785 (Member No. 9528,9539,9550,11763)					
	9539	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9539	0.220	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9539	0.220	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9528	0.000	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9528	0.000	RC9	0.54 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9528	0.000	RC9	0.42 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9539	0.440	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9528	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9550	0.000	RC9	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9539	0.220	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9550	0.030	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9539	0.000	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9528	0.050	CO9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9539	0.000	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9539	0.220	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9528	0.100	RC9	0.29 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9528	0.050	CO9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9539	0.000	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9528	0.100	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9528	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9539	0.220	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9539	0.220	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9539	0.220	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9528	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
786	Continuous Members 786 (Member No. 9564,9575,9577)					
	9575	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9575	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9575	0.250	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9564	0.050	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9564	0.000	RC9	0.56 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9564	0.000	RC9	0.58 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9564	0.050	CO6	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9575	0.500	CO4	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9575	0.000	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9575	0.250	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9575	0.000	RC9	0.55 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9575	0.250	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9575	0.000	RC9	0.55 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9564	0.000	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9575	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9575	0.000	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9564	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9564	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9575	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9575	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9575	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9564	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
787	Continuous Members 787 (Member No. 9582,9593,9595)					
	9595	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9593	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9582	0.050	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9582	0.000	RC9	0.26 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9582	0.000	RC9	0.55 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9582	0.000	RC9	0.41 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9593	0.250	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9582	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9582	0.000	RC9	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9582	0.050	CO11	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9593	0.000	RC9	0.60 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9593	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9582	0.050	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9593	0.000	RC9	0.60 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9582	0.000	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9593	0.250	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9582	0.050	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9593	0.000	RC9	0.61 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9582	0.000	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9582	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9593	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9593	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9593	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9593	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
788	Continuous Members 788 (Member No. 9600)					
	9600	0.000	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9600	0.000	RC9	0.31 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9600	0.000	RC9	0.17 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9600	0.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9600	0.000	CO5	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9600	0.000	RC9	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9600	0.110	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9600	0.110	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9600	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9600	0.110	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9600	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9600	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9600	0.055	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9600	0.055	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9600	0.055	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9600	0.055	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
789	Continuous Members 789 (Member No. 9659)					
	9659	0.250	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9659	0.250	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9659	0.000	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9659	0.000	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9659	0.500	RC9	0.06 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9659	0.500	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9659	0.000	RC9	0.36 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9659	0.000	RC9	0.52 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9659	0.250	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9659	0.250	CO4	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9659	0.000	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9659	0.000	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9659	0.250	RC9	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.250	CO4	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.000	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.000	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9659	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9659	0.250	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9659	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9659	0.250	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9659	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
790	Continuous Members 790 (Member No. 8022,8058)					
	8058	0.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8022	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8022	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8022	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8022	0.200	RC9	0.19 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8058	0.200	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8022	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8058	0.200	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8022	0.400	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8022	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8058	0.200	CO6	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8022	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8058	0.200	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8022	0.400	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8022	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8022	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8022	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8058	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8058	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8058	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8058	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
791	Continuous Members 791 (Member No. 8099,8116)					
	8099	0.200	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8099	0.200	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8099	0.000	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8099	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8116	0.200	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8099	0.200	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8099	0.000	RC9	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8099	0.200	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8099	0.200	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8099	0.000	RC9	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8099	0.400	CO6	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8099	0.000	RC9	0.23	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8099	0.200	RC9	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8099	0.400	CO3	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8099	0.000	RC9	0.33	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8099	0.000	RC9	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8099	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8116	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8116	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8116	0.200	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8099	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
792	Continuous Members 792 (Member No. 8138,8155)						
	8138	0.200	CO3	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8138	0.000	RC9	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8138	0.000	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8138	0.000	RC9	0.14	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8138	0.400	RC9	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8138	0.400	RC9	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8155	0.400	CO2	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8138	0.400	CO3	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8138	0.400	RC9	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8138	0.400	CO8	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8155	0.400	RC9	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8155	0.400	CO2	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8138	0.400	CO3	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8138	0.400	RC9	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8155	0.400	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8138	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8155	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8155	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8155	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
793	Continuous Members 793 (Member No. 8177,8194)						
	8177	0.000	CO3	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8194	0.200	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8177	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8177	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8177	0.400	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8177	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8194	0.400	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8177	0.000	CO3	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8194	0.000	CO3	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8194	0.400	RC9	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8194	0.000	CO5	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8194	0.400	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8177	0.000	CO3	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8194	0.000	CO3	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8194	0.400	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8194	0.400	RC9	0.03 ≤ 1	341)	6.3.2 - Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8177	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8194	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8194	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8177	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8177	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
794	Continuous Members 794 (Member No. 8235,8271)					
	8271	0.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8235	0.400	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8271	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8235	0.200	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8235	0.400	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8271	0.400	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8271	0.400	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8271	0.200	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8235	0.400	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8235	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8271	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8235	0.400	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8235	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8235	0.200	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8271	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8271	0.200	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8235	0.400	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8235	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8235	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8235	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8271	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8271	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8235	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8271	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
795	Continuous Members 795 (Member No. 8312,8329)					
	8329	0.200	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8329	0.200	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8312	0.200	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8329	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8312	0.200	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8312	0.200	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8329	0.200	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8329	0.400	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8312	0.000	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8312	0.400	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8329	0.400	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8329	0.200	RC9	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8312	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8312	0.000	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8312	0.400	CO3	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8329	0.400	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8329	0.400	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8312	0.000	CO13	0.00 ≤ 1	400)	Bending about y-axis
	8329	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	8329	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8312	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8329	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8329	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
796	Continuous Members 796 (Member No. 8351,8368)					
	8351	0.400	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8368	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8351	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8368	0.200	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8351	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8368	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8351	0.000	CO10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8351	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8351	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8368	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8368	0.200	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8351	0.000	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8351	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8368	0.400	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8351	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8368	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8368	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8351	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8351	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
797	Continuous Members 797 (Member No. 8409,8426)					
	8426	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8426	0.000	CO5	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8426	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8409	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8409	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8426	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8409	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8426	0.000	CO4	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8426	0.400	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8409	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8409	0.400	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8426	0.400	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8426	0.000	CO4	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8426	0.400	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8409	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8409	0.400	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8409	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8426	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8426	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8409	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8409	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
798	Continuous Members 798 (Member No. 8005,8020,8021,8060)					

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8021	0.250	RC9	0.11 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8021	0.250	RC9	0.07 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8005	0.000	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8005	0.050	RC9	0.27 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8060	0.000	RC9	0.34 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8020	0.000	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8060	0.100	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8021	0.250	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8060	0.100	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8005	0.000	CO9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8005	0.000	CO4	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8060	0.100	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8020	0.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8005	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8021	0.250	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8021	0.000	CO2	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8060	0.100	RC9	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8005	0.000	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8005	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8020	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8020	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8005	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8005	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
799	Continuous Members 799 (Member No. 8082,8097,8098,8118)					
	8097	0.250	RC9	0.15 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8097	0.250	RC9	0.09 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8118	0.050	RC9	0.31 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8082	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8118	0.050	RC9	0.18 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8118	0.050	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8118	0.100	CO11	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8082	0.050	RC9	0.28 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8118	0.100	RC9	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8082	0.050	CO3	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8098	0.000	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8118	0.100	RC9	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8097	0.250	RC9	0.13 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8118	0.100	RC9	0.29 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8097	0.250	RC9	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8098	0.000	CO2	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8118	0.100	RC9	0.45 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8118	0.100	RC9	0.23 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8082	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8097	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8097	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8118	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8118	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
800	Continuous Members 800 (Member No. 8121,8136,8137,8157)					
	8137	0.250	RC9	0.11 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8136	0.250	RC9	0.07 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8121	0.050	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8121	0.000	RC9	0.24 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8157	0.050	RC9	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8157	0.100	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8157	0.100	CO12	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8121	0.050	RC9	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8137	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8157	0.100	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8136	0.000	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8137	0.500	CO10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8157	0.100	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8136	0.500	CO2	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8121	0.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8136	0.250	RC9	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8137	0.000	CO4	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8157	0.100	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8121	0.000	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8121	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8136	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8136	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8121	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8121	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
801	Continuous Members 801 (Member No. 8160,8175,8176,8196)					
	8160	0.050	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8160	0.100	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8196	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8196	0.050	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8160	0.050	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8176	0.500	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8196	0.100	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8160	0.050	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8196	0.100	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8160	0.100	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8160	0.100	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8196	0.100	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8175	0.250	CO4	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8160	0.100	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8176	0.000	CO2	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8160	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8175	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8175	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8160	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8160	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
802	Continuous Members 802 (Member No. 8218,8233,8234,8273)					
	8218	0.050	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8234	0.250	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8218	0.050	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8218	0.050	RC9	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8218	0.000	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8234	0.000	CO10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8218	0.050	RC9	0.21 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8234	0.500	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8218	0.100	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8218	0.050	RC9	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8218	0.100	CO2	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8218	0.100	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8233	0.250	CO2	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8218	0.100	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8218	0.050	RC9	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8218	0.100	CO2	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8218	0.100	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8218	0.100	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8218	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8234	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8234	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8218	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8218	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
803	Continuous Members 803 (Member No. 8295,8310,8311,8331)					
	8311	0.500	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8310	0.250	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8295	0.050	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8331	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8295	0.050	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8310	0.250	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8331	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8295	0.100	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8310	0.250	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8310	0.500	CO10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8295	0.100	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8310	0.250	CO3	0.04 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8295	0.100	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8310	0.250	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8310	0.500	CO4	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8295	0.100	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8295	0.100	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8295	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8311	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8311	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8331	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8295	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
804	Continuous Members 804 (Member No. 8334,8349,8350,8370)					
	8370	0.100	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8350	0.250	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8334	0.050	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8334	0.000	RC9	0.13 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	8334	0.000	RC9	0.07 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8370	0.100	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8334	0.100	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8350	0.250	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8350	0.000	CO10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8334	0.100	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8349	0.250	CO2	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8334	0.100	RC9	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8350	0.250	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8350	0.000	CO10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8334	0.100	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8334	0.100	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8334	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8350	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8350	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8334	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8334	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
805	Continuous Members 805 (Member No. 8373,8388,8389,8428)					
	8388	0.000	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8373	0.000	RC9	0.08 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8373	0.050	RC9	0.28 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8428	0.050	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8428	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8388	0.250	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8373	0.100	RC9	0.52 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8373	0.000	RC9	0.28 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8373	0.000	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8373	0.100	RC9	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8388	0.250	CO2	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	RC9	0.38 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8373	0.000	RC9	0.35 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.000	CO2	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	RC9	0.25 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8373	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8389	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8389	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8373	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8373	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
806	Continuous Members 806 (Member No. 8004,8019)					
	8004	0.200	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8004	0.200	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8004	0.200	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8019	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8019	0.200	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8019	0.200	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8004	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8019	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8004	0.200	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8019	0.000	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8004	0.000	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8004	0.200	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8019	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8004	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8019	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8004	0.200	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8019	0.000	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8004	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8004	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8004	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8004	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8004	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
807	Continuous Members 807 (Member No. 8081,8096)					
	8081	0.200	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8096	0.400	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8081	0.200	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8096	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8096	0.200	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8096	0.200	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8081	0.400	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8081	0.200	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8081	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8096	0.400	RC9	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8096	0.400	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8081	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8096	0.400	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8096	0.400	RC9	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8096	0.400	CO10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8081	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8081	0.200	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8081	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8081	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8081	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
808	Continuous Members 808 (Member No. 8120,8135)					
	8120	0.000	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8135	0.000	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8120	0.200	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8135	0.200	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8135	0.200	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8135	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8135	0.400	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8120	0.000	RC9	0.21	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8135	0.400	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8120	0.000	RC9	0.15	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8135	0.000	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8120	0.000	RC9	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8135	0.400	CO7	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	RC9	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8120	0.000	RC9	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8135	0.000	RC9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	RC9	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8120	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8120	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8120	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8120	0.200	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8120	0.200	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
809	Continuous Members 809 (Member No. 8159,8174)						
	8159	0.000	RC9	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8174	0.200	RC9	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8159	0.200	RC9	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8174	0.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8174	0.200	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8159	0.400	CO6	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8159	0.000	RC9	0.19	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8159	0.200	CO12	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8159	0.000	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8159	0.000	RC9	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8174	0.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8159	0.000	RC9	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8174	0.000	CO10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8159	0.000	RC9	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8159	0.000	RC9	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8174	0.000	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8159	0.000	RC9	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8159	0.000	RC9	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8159	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8159	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8159	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8159	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8174	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
810	Continuous Members 810 (Member No. 8217,8232)						
	8217	0.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8217	0.200	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8217	0.200	RC9	0.03	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8232	0.000	RC9	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8232	0.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8232	0.200	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8232	0.000	CO11	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8217	0.200	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8232	0.000	CO4	0.02 ≤ 1	153)	acc. to 6.1.6
	8217	0.200	RC9	0.09 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8217	0.400	RC9	0.16 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8217	0.200	RC9	0.07 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8232	0.200	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8232	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8217	0.400	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8217	0.200	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8232	0.200	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8232	0.000	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8217	0.400	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8217	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8217	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8217	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8232	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8232	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
811	Continuous Members 811 (Member No. 8294,8309)					
	8294	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8294	0.400	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8309	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8309	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8309	0.200	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8309	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8294	0.400	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8294	0.400	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8294	0.000	CO10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8294	0.400	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8309	0.200	CO7	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8294	0.400	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8309	0.200	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8294	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8294	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8294	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8309	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8309	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
812	Continuous Members 812 (Member No. 8333,8348)					
	8333	0.200	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8333	0.000	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8348	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8333	0.200	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8348	0.200	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8333	0.200	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8333	0.400	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8333	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8333	0.200	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8333	0.400	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8333	0.400	CO12	0.03 ≤ 1	171)	to 6.2.3 Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8333	0.000	CO10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8333	0.400	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8348	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8333	0.400	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8333	0.400	CO12	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8333	0.000	CO10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8333	0.400	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8333	0.400	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8333	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8333	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8333	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8348	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8348	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
813	Continuous Members 813 (Member No. 8372,8387)					
	8372	0.200	RC9	0.09 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8372	0.200	RC9	0.06 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8387	0.000	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8372	0.200	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8372	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8387	0.000	RC9	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8387	0.000	RC9	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8372	0.400	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8387	0.000	RC9	0.19 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8387	0.200	CO1	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8372	0.400	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8387	0.200	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC9	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8387	0.000	RC9	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8387	0.200	CO1	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8372	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8372	0.200	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8372	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8387	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8387	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
814	Continuous Members 814 (Member No. 8017,8018,8061)					
	8018	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8061	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8061	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8061	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8061	0.000	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8061	0.100	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8061	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8061	0.100	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8061	0.100	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8061	0.100	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8061	0.100	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8017	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
815	8018	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8018	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8061	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	8061	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Continuous Members 815 (Member No. 8094,8095,8119)						
		8094	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		8119	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		8119	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		8119	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		8119	0.050	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8119	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8095	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8119	0.100	CO9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8095	0.500	CO6	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8119	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	8119	0.100	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8119	0.100	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8094	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	8095	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8095	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8119	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	8119	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
816	Continuous Members 816 (Member No. 8133,8134,8158)						
		8133	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		8158	0.100	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		8158	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		8158	0.050	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		8158	0.050	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		8134	0.500	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		8134	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		8158	0.100	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		8134	0.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		8158	0.100	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
		8158	0.100	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		8158	0.100	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
		8133	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
		8134	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
		8134	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8158	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
817	Continuous Members 817 (Member No. 8172,8173,8197)						
		8173	0.250	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		8197	0.100	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		8197	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		8197	0.050	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		8197	0.050	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		8173	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		8197	0.050	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		8197	0.100	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		8197	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		8197	0.100	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
		8197	0.100	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		8197	0.100	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
		8172	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	8173	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8173	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8173	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	8173	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
818	Continuous Members 818 (Member No. 8230,8231,8274)						
	8231	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8274	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8274	0.050	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8274	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8274	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8274	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8231	0.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8231	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8274	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8274	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	8274	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8274	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8230	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	8231	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8231	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8274	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	819	Continuous Members 819 (Member No. 8307,8308,8332)					
		8307	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		8332	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
8332		0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
8332		0.100	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
8332		0.050	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
8308		0.250	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
8308		0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
8332		0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
8332		0.000	CO3	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
8308		0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
8308		0.000	CO3	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
8332		0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
8307		0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
8308		0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
8308		0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
8332		0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
8332	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
820	Continuous Members 820 (Member No. 8346,8347,8371)						
	8346	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8371	0.100	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8371	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8371	0.050	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8371	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8347	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8347	0.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8371	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8371	0.100	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8371	0.000	CO10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	8371	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8371	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8346	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
821	8347	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8347	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8371	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	8371	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Continuous Members 821 (Member No. 8385,8386,8429)						
		8386	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		8386	0.250	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		8429	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		8386	0.250	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		8386	0.250	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		8386	0.000	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		8429	0.100	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		8429	0.000	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		8386	0.000	CO5	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		8429	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		8429	0.000	RC9	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8385	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	8386	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8386	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8386	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	8386	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
822	Continuous Members 822 (Member No. 7804,7805,7848)						
		7805	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		7805	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		7848	0.000	RC9	0.31 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		7805	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		7848	0.050	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		7805	0.250	RC9	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		7805	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		7848	0.100	RC9	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		7805	0.250	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		7848	0.100	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
		7848	0.100	RC9	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		7848	0.100	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
		7804	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
		7805	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
		7805	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7848	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	7848	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
823	Continuous Members 823 (Member No. 7881,7882,7906)						
		7906	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		7906	0.100	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		7906	0.000	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		7906	0.050	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		7906	0.050	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		7882	0.250	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		7882	0.500	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		7882	0.500	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		7906	0.100	CO12	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		7906	0.100	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
		7906	0.100	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		7906	0.100	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
		7906	0.100	RC9	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7906	0.100	RC9	0.22 ≤ 1	333)	Bending about y-axis
	7906	0.100	RC9	0.05 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7881	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7882	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	7882	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7882	0.250	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7882	0.250	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
824	Continuous Members 824 (Member No. 7920,7921,7945)					
	7921	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7945	0.100	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7945	0.000	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7945	0.050	RC9	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7945	0.050	RC9	0.17 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7945	0.100	RC9	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7921	0.250	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7945	0.000	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7945	0.100	RC9	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7945	0.000	CO6	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7945	0.000	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7945	0.000	RC9	0.22 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7920	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7945	0.050	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7945	0.050	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7945	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7945	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
825	Continuous Members 825 (Member No. 7959,7960,7984)					
	7984	0.100	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7984	0.100	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7984	0.050	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7984	0.050	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7984	0.050	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7984	0.100	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7960	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7984	0.100	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7984	0.100	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7960	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7984	0.100	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7984	0.100	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7959	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7960	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7960	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7960	0.250	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
826	Continuous Members 826 (Member No. 9533,9534,9552)					
	9534	0.250	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9552	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9552	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9552	0.050	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9552	0.050	RC9	0.32 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9534	0.250	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9534	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9552	0.100	RC9	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9534	0.500	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9534	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9552	0.100	RC9	0.46 ≤ 1	163)	and tension acc. to 6.2.3
	9552	0.100	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9552	0.100	RC9	0.18 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9552	0.100	RC9	0.45 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9552	0.100	RC9	0.03 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9533	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9534	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	9534	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9552	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9552	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9552	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
827	Continuous Members 827 (Member No. 9569,9570,9579)					
	9570	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9579	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9579	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9579	0.000	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9579	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9579	0.050	RC9	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9570	0.250	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9579	0.100	CO8	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9579	0.100	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9579	0.100	CO12	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9579	0.000	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9579	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9579	0.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9579	0.100	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9579	0.100	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9579	0.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9579	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9579	0.100	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9569	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9570	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9570	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9579	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9579	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
828	Continuous Members 828 (Member No. 9587,9588,9597)					
	9588	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9588	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9597	0.050	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9597	0.050	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9597	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9597	0.000	RC9	0.18 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9588	0.250	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9588	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9588	0.250	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9588	0.500	CO12	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9588	0.500	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9597	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9597	0.050	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9597	0.000	RC9	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9597	0.100	RC9	0.09 ≤ 1	311)	acc. to 6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9597	0.050	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9597	0.000	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9597	0.100	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9587	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9588	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9588	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9597	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9597	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
829	Continuous Members 829 (Member No. 9605)					
	9605	0.210	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9605	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
830	Continuous Members 830 (Member No. 9655)					
	9655	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9655	0.250	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9655	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9655	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9655	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9655	0.000	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9655	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9655	0.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9655	0.500	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9655	0.250	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9655	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9655	0.500	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9655	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9655	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9655	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9655	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
831	Continuous Members 831 (Member No. 9663)					
	9663	0.090	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9663	0.045	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9663	0.000	RC9	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9663	0.000	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9663	0.045	RC9	0.34 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9663	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9663	0.090	CO11	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9663	0.000	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9663	0.045	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9663	0.000	RC9	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9663	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9663	0.045	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9663	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9663	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9663	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9663	0.045	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9663	0.045	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9663	0.045	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9663	0.045	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
832	Continuous Members 832 (Member No. 7791,7806)					
	7806	0.200	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7791	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7806	0.000	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7791	0.000	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7806	0.200	RC9	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7791	0.200	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7791	0.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7791	0.400	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7806	0.200	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7806	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7791	0.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7791	0.200	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7806	0.400	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7806	0.200	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7806	0.400	RC9	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7791	0.000	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7791	0.200	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7806	0.400	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7806	0.400	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7791	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7791	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7791	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7806	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7806	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
833	Continuous Members 833 (Member No. 7868,7883)					
	7868	0.400	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7868	0.400	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7868	0.200	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7883	0.200	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7883	0.200	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7883	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7868	0.400	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7868	0.400	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7883	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7868	0.400	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7883	0.200	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7883	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7883	0.200	CO7	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7868	0.400	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7868	0.400	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7883	0.200	CO8	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7883	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7883	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7868	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7868	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7868	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7883	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7883	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
834	Continuous Members 834 (Member No. 7907,7922)					
	7922	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7922	0.000	RC9	0.27 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7922	0.000	RC9	0.06 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7907	0.000	RC9	0.06 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7907	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7907	0.200	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7907	0.400	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7922	0.000	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7922	0.000	CO9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7922	0.000	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7922	0.000	RC9	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7922	0.400	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7922	0.000	RC9	0.28 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7922	0.000	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7922	0.000	CO2	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7922	0.000	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7922	0.000	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7907	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7907	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7907	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7922	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7922	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
835	Continuous Members 835 (Member No. 7946,7961)					
	7961	0.200	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7946	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7946	0.200	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7946	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7946	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7946	0.200	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7961	0.000	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7961	0.200	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7946	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7946	0.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7961	0.200	CO10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7946	0.000	RC9	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7961	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7946	0.000	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7961	0.200	CO10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7946	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7946	0.200	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7946	0.200	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7961	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7961	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
836	Continuous Members 836 (Member No. 9526,9535)					
	9535	0.400	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9535	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9535	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9535	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9526	0.000	RC9	0.08 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	9535	0.200	RC9	0.10 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9526	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9535	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9535	0.000	CO9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9535	0.200	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9535	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9526	0.400	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9526	0.200	CO8	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9535	0.000	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9526	0.400	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9526	0.400	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9526	0.200	CO8	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9535	0.000	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9526	0.400	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9526	0.400	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9526	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9526	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9526	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9526	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9535	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
837	Continuous Members 837 (Member No. 9562,9571)					
	9562	0.200	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9562	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9562	0.200	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9571	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9571	0.200	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9571	0.400	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9571	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9571	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9571	0.400	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9562	0.200	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9562	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9562	0.000	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9571	0.200	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9571	0.400	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9571	0.400	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9562	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9562	0.000	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9571	0.400	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9571	0.400	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9562	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9562	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9562	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9562	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9562	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9562	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
838	Continuous Members 838 (Member No. 9580,9589)					
	9589	0.400	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9589	0.200	RC9	0.04 ≤ 1	102)	6.1.2 Cross-section resistance - Compression along the grain acc. to 6.1.4
	9589	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9589	0.000	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9589	0.200	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9589	0.200	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9580	0.400	RC9	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9589	0.400	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9589	0.200	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9589	0.400	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9589	0.000	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9589	0.200	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9589	0.400	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9589	0.000	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9589	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9589	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9589	0.200	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.400	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9580	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9580	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9580	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9580	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9580	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
839	Continuous Members 839 (Member No. 9598)					
	9598	0.410	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9598	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9598	0.205	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9598	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9598	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9598	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9598	0.410	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9598	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9598	0.205	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9598	0.410	CO11	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9598	0.000	RC9	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9598	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9598	0.205	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.410	CO11	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9598	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9598	0.205	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9598	0.205	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9598	0.205	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9598	0.205	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
840	Continuous Members 840 (Member No. 9656)					
	9656	0.195	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9656	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9656	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9656	0.195	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9656	0.390	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9656	0.390	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9656	0.000	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9656	0.000	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9656	0.195	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9656	0.195	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9656	0.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9656	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9656	0.195	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.195	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.000	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9656	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9656	0.195	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9656	0.195	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9656	0.195	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9656	0.195	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
841	Continuous Members 841 (Member No. 7792,7807,7808,7847)					
	7808	0.250	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7808	0.250	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7847	0.000	RC9	0.32 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7847	0.050	RC9	0.33 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7792	0.000	RC9	0.76 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7808	0.500	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7847	0.100	RC9	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7847	0.000	RC9	0.20 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7847	0.100	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7847	0.000	RC9	0.18 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7792	0.050	CO8	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7847	0.100	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7807	0.500	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7847	0.100	RC9	0.31 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7847	0.000	RC9	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7792	0.050	CO8	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7847	0.100	RC9	0.48 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7847	0.100	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7792	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7807	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7807	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7792	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7792	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
842	Continuous Members 842 (Member No. 7869,7884,7885,7905)					
	7869	0.050	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7905	0.000	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7869	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7869	0.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7905	0.100	RC9	0.31 ≤ 1	153)	6.1.8 Cross-section resistance - Biaxial bending acc. to 6.1.6
	7869	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7905	0.050	CO11	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7884	0.500	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7905	0.100	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7869	0.000	CO9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7905	0.100	RC9	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7905	0.050	CO5	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7884	0.500	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7905	0.100	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7905	0.100	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7869	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7884	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7884	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7869	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7869	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
843	Continuous Members 843 (Member No. 7908,7923,7924,7944)					
	7924	0.500	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7924	0.500	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7944	0.000	RC9	0.33 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7944	0.050	RC9	0.15 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7944	0.050	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7944	0.100	CO12	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7923	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7924	0.500	RC9	0.27 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7944	0.100	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7924	0.500	RC9	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7923	0.000	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7944	0.100	RC9	0.73 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7923	0.250	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7944	0.100	RC9	0.65 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7924	0.500	RC9	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7923	0.000	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7944	0.100	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7944	0.100	RC9	0.50 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7908	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7923	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7923	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7908	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7908	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
844	Continuous Members 844 (Member No. 7947,7962,7963,7983)					
	7962	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7962	0.250	CO4	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7983	0.000	RC9	0.23 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7983	0.050	RC9	0.18 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7983	0.000	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7962	0.250	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7947	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7962	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7983	0.100	RC9	0.63 ≤ 1	163)	and tension acc. to 6.2.3 Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7983	0.100	CO3	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7963	0.000	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7983	0.100	RC9	0.56 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7963	0.250	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7983	0.100	RC9	0.37 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7983	0.100	CO3	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7962	0.500	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7983	0.100	RC9	0.60 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7983	0.100	RC9	0.20 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7947	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7962	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7962	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7983	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7947	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
845	Continuous Members 845 (Member No. 9527,9536,9537,9551)					
	9537	0.000	RC9	0.09 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9537	0.000	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9527	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9527	0.000	RC9	0.50 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9551	0.050	RC9	0.20 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9536	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9537	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9537	0.000	RC9	0.18 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9537	0.250	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9536	0.000	RC9	0.64 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9537	0.000	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9537	0.000	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9536	0.000	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9537	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9551	0.100	RC9	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9537	0.000	RC9	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9537	0.000	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9536	0.000	RC9	0.61 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9551	0.100	RC9	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9527	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9536	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9536	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9536	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9551	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
846	Continuous Members 846 (Member No. 9563,9572,9573,9578)					
	9572	0.250	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9578	0.000	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9563	0.000	RC9	0.44 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9578	0.050	RC9	0.65 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9572	0.250	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9572	0.500	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9578	0.100	RC9	0.52 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9578	0.100	RC9	0.70 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9578	0.100	CO3	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9578	0.100	RC9	0.52 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9578	0.100	RC9	0.67 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9572	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9578	0.100	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9578	0.100	CO3	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9578	0.100	RC9	0.53 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9578	0.100	RC9	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9578	0.100	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9563	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9572	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9572	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9578	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9578	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
847	Continuous Members 847 (Member No. 9581,9590,9591,9596)					
	9581	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9581	0.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9596	0.000	RC9	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9581	0.000	RC9	0.36 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9596	0.050	RC9	0.45 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9590	0.250	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9581	0.100	CO6	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9590	0.000	RC9	0.45 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9590	0.250	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9581	0.000	RC9	0.22 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9596	0.100	RC9	1.01 > 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9581	0.000	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9581	0.100	RC9	0.19 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9596	0.100	RC9	0.95 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9591	0.250	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9596	0.100	RC9	0.37 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9581	0.000	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9581	0.100	RC9	0.23 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9596	0.100	RC9	1.02 > 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9596	0.100	RC9	0.21 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9581	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9590	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9590	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9596	0.050	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9596	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
848	Continuous Members 848 (Member No. 9599,9657,9658,9662)					
	9657	0.000	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9658	0.250	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9599	0.000	RC9	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9662	0.000	RC9	0.24 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9662	0.045	RC9	0.45 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9657	0.250	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9662	0.000	RC9	0.36 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9662	0.000	RC9	0.45	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9657	0.250	RC9	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9657	0.000	RC9	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9657	0.000	RC9	0.56	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9657	0.250	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9662	0.090	RC9	0.21	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9662	0.000	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9599	0.110	CO3	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9657	0.000	RC9	0.24	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9657	0.250	RC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9662	0.090	RC9	0.23	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9657	0.000	RC9	0.54	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9657	0.000	RC9	0.11	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9599	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9657	0.250	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9657	0.250	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9662	0.045	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9599	0.055	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
849	Continuous Members 849 (Member No. 7809,7845)						
	7845	0.400	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7809	0.200	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7809	0.200	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7845	0.200	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7809	0.000	RC9	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7809	0.000	RC9	0.22	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7845	0.400	CO11	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7845	0.200	CO11	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7809	0.400	CO11	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7809	0.200	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7809	0.000	RC9	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7809	0.200	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7809	0.200	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7809	0.000	RC9	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7809	0.200	CO8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7845	0.400	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7809	0.200	RC9	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7809	0.200	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7809	0.000	RC9	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7809	0.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7809	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7845	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7845	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7845	0.200	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7845	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
850	Continuous Members 850 (Member No. 7886,7903)						
	7886	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7886	0.200	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7903	0.400	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7903	0.200	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	7903	0.200	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7886	0.400	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7903	0.400	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7886	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7903	0.400	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7886	0.200	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7903	0.400	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7886	0.400	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7886	0.000	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7903	0.400	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7886	0.200	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7903	0.400	RC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7886	0.400	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7886	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7886	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7903	0.200	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7903	0.200	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7903	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7903	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
851	Continuous Members 851 (Member No. 7925,7942)						
	7942	0.200	RC9	0.09	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7925	0.200	RC9	0.06	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7925	0.000	RC9	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7942	0.200	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7942	0.200	RC9	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7942	0.200	RC9	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7925	0.400	RC9	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7925	0.200	RC9	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7925	0.000	CO3	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7925	0.400	RC9	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7925	0.200	CO8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7925	0.400	RC9	0.17	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7925	0.200	RC9	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7925	0.000	CO3	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7925	0.400	RC9	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7925	0.400	RC9	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7925	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7942	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7942	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7925	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7925	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
852	Continuous Members 852 (Member No. 7964,7981)						
	7964	0.200	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7981	0.200	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7964	0.200	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7964	0.000	RC9	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7981	0.200	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7964	0.400	RC9	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7964	0.400	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7981	0.200	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7964	0.400	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7964	0.400	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7964	0.200	CO6	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7981	0.400	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7981	0.200	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7964	0.400	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7964	0.400	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7964	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7964	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7981	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7981	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7964	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7981	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
853	Continuous Members 853 (Member No. 9538,9549)					
	9549	0.200	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9549	0.200	RC9	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9538	0.200	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9538	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9538	0.000	RC9	0.47 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9549	0.200	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9549	0.400	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9549	0.000	CO7	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9549	0.200	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9549	0.200	RC9	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9549	0.200	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9538	0.400	RC9	0.86 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9538	0.200	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9549	0.200	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9538	0.400	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9538	0.000	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9538	0.400	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9538	0.200	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9549	0.200	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9538	0.400	RC9	0.83 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9538	0.400	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9538	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9538	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9538	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9549	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9538	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
854	Continuous Members 854 (Member No. 9574,9576)					
	9576	0.200	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9576	0.400	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9574	0.000	RC9	0.35 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9574	0.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9576	0.400	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9574	0.400	RC9	0.58 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9574	0.400	RC9	0.67 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

Project:

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9576	0.400	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9576	0.200	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9574	0.400	RC9	0.63 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9574	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9574	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9576	0.200	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9576	0.200	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9574	0.400	RC9	0.66 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9574	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9574	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9574	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9574	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9574	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9576	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
855	Continuous Members 855 (Member No. 9592,9594)					
	9594	0.200	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9594	0.200	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9592	0.000	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9592	0.000	RC9	0.38 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9592	0.000	RC9	0.17 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9592	0.400	RC9	0.69 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9594	0.200	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9592	0.400	CO10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9592	0.400	RC9	0.84 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9594	0.200	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9594	0.400	RC9	0.33 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9592	0.400	RC9	0.76 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9592	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9592	0.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9594	0.200	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9594	0.400	RC9	0.34 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9592	0.400	RC9	0.81 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9592	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9592	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9592	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9592	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9592	0.200	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9592	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
856	Continuous Members 856 (Member No. 9610,9660)					
	9660	0.195	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9660	0.195	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9610	0.205	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9610	0.000	RC9	0.22 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9660	0.390	CO4	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9660	0.195	CO9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9660	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9610	0.000	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9610	0.410	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9610	0.000	CO5	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9610	0.205	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9610	0.410	RC9	0.50 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9660	0.390	RC9	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9610	0.000	CO5	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9610	0.205	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9610	0.410	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9660	0.390	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9610	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9660	0.195	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9660	0.195	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9660	0.195	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9660	0.195	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
857	Continuous Members 857 (Member No. 7811,7812)					
	7811	0.200	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7812	0.400	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7812	0.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7812	0.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7812	0.400	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7812	0.400	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7812	0.400	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7812	0.400	CO4	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7812	0.400	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7812	0.400	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7811	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7812	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7812	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7812	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7812	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
858	Continuous Members 858 (Member No. 7888,7889)					
	7888	0.200	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7889	0.400	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7889	0.400	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7889	0.300	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7889	0.300	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7889	0.300	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7888	0.200	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7889	0.400	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7889	0.400	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7889	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7889	0.400	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7889	0.400	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7888	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7889	0.300	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7889	0.300	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7888	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7888	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
859	Continuous Members 859 (Member No. 7058,7927,7928)					
	7928	0.150	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7928	0.300	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7058	0.100	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7058	0.050	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	7058	0.050	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7928	0.150	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7058	0.100	CO9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7058	0.100	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7928	0.300	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7058	0.100	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7058	0.100	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7927	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7928	0.150	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7928	0.150	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7928	0.150	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7927	0.200	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
860	Continuous Members 860 (Member No. 7966,7967)						
	7966	0.400	CO9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7967	0.300	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7967	0.400	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7967	0.300	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7967	0.300	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7967	0.000	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7967	0.300	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7967	0.400	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7967	0.300	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7967	0.300	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7967	0.300	CO3	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7967	0.400	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7966	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7966	0.200	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7966	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
861	Continuous Members 861 (Member No. 7017,7048,7813)						
	7048	0.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7813	0.100	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7813	0.100	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7017	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7048	0.500	CO11	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7813	0.200	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7813	0.200	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7017	0.000	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7017	0.000	CO9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7017	0.000	RC9	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7048	0.500	CO8	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7813	0.200	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7017	0.000	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7017	0.000	CO9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7017	0.000	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7017	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7017	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7048	0.300	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7048	0.300	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7017	0.050	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7017	0.050	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
862	Continuous Members 862 (Member No. 7890,8488,8489)					
	7890	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7890	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7890	0.100	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8489	0.300	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8489	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8488	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7890	0.200	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8488	0.000	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7890	0.100	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8488	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8488	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8489	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8488	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8488	0.000	CO12	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8488	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7890	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7890	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8489	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
8489	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
8489	0.300	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
8489	0.300	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
863	Continuous Members 863 (Member No. 7929,8490,8491)					
	7929	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7929	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7929	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7929	0.100	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8490	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7929	0.100	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8490	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7929	0.200	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8490	0.000	CO1	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7929	0.100	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8490	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8491	0.300	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8491	0.300	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8490	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7929	0.100	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8491	0.300	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8491	0.300	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
7929	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
8491	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
8491	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
7929	0.100	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7929	0.100	CO27	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
864	Continuous Members 864 (Member No. 7968,8492,8493)					
	8492	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8493	0.300	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7968	0.100	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7968	0.100	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7968	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7968	0.100	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8492	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7968	0.200	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8493	0.300	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8493	0.300	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8492	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7968	0.200	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8492	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8492	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7968	0.200	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8492	0.000	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8492	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7968	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8493	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8493	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7968	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7968	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
865	Continuous Members 865 (Member No. 6800,7842)					
	7842	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7842	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6800	0.300	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6800	0.100	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7842	0.300	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7842	0.300	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7842	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7842	0.300	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7842	0.300	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7842	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7842	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6800	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7842	0.500	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7842	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6800	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6800	0.000	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6800	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7842	0.000	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7842	0.500	RC9	0.04 ≤ 1	328)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6800	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6800	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6800	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7842	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7842	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6800	0.100	CO14	0.00 ≤ 1	406)	7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6800	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
866	Continuous Members 866 (Member No. 6806,6831,7900)					
	7900	0.150	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6806	0.200	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6831	0.100	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6831	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6806	0.100	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6831	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6806	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6831	0.100	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6831	0.100	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6806	0.200	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6831	0.100	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6806	0.200	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7900	0.300	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6831	0.100	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6831	0.100	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6831	0.100	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6806	0.200	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7900	0.300	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6831	0.100	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6831	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6831	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7900	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7900	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6831	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
867	Continuous Members 867 (Member No. 6862,7939)					
	6862	0.300	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7939	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6862	0.100	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6862	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6862	0.100	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6862	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6862	0.300	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6862	0.100	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7939	0.300	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7939	0.300	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7939	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7939	0.300	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7939	0.500	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6862	0.100	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6862	0.100	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7939	0.000	CO9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7939	0.300	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7939	0.500	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6862	0.100	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6862	0.100	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	6862	0.000	CO2	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6862	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7939	0.300	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7939	0.300	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7939	0.300	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7939	0.300	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
868	Continuous Members 868 (Member No. 6893,7978)						
	7978	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6893	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6893	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6893	0.100	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6893	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6893	0.300	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7978	0.300	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7978	0.300	CO2	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7978	0.300	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7978	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7978	0.300	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7978	0.500	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6893	0.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7978	0.300	RC9	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7978	0.300	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7978	0.500	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6893	0.000	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7978	0.300	RC9	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6893	0.100	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6893	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7978	0.300	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7978	0.300	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6893	0.100	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6893	0.100	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
869	Continuous Members 869 (Member No. 7841)						
	7841	0.200	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7841	0.200	RC9	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7841	0.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7841	0.200	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7841	0.200	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7841	0.200	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7841	0.700	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7841	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7841	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7841	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7841	0.200	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7841	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
870	Continuous Members 870 (Member No. 7899)						
	7899	0.200	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7899	0.700	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7899	0.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7899	0.200	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7899	0.200	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7899	0.200	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7899	0.200	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7899	0.700	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7899	0.700	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7899	0.700	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7899	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7899	0.200	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7899	0.200	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7899	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7899	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
871	Continuous Members 871 (Member No. 7938)					
	7938	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7938	0.700	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7938	0.200	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7938	0.700	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7938	0.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7938	0.200	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7938	0.200	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7938	0.700	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7938	0.700	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7938	0.700	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7938	0.700	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7938	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7938	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7938	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7938	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7938	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
872	Continuous Members 872 (Member No. 7977)					
	7977	0.700	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7977	0.200	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7977	0.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7977	0.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7977	0.200	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7977	0.200	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7977	0.700	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7977	0.700	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7977	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7977	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7977	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7977	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7977	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
873	Continuous Members 873 (Member No. 7839,7840)					
	7840	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7840	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7839	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7840	0.500	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7839	0.050	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7840	0.700	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7840	0.000	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7840	0.500	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7840	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7840	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7840	0.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7840	0.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7839	0.100	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7840	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7840	0.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7839	0.100	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7840	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7839	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7840	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7840	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7840	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7840	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
874	Continuous Members 874 (Member No. 7897,7898)					
	7898	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7898	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7898	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7898	0.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7897	0.050	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7898	0.000	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7898	0.500	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7898	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7898	0.000	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7898	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7898	0.500	CO11	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7897	0.050	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7898	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7898	0.500	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7898	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7897	0.050	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.500	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7897	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7898	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7898	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7897	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7898	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
875	Continuous Members 875 (Member No. 7936,7937)					
	7937	0.700	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7937	0.700	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7936	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7937	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7936	0.100	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7936	0.100	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7937	0.500	CO5	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7937	0.000	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7936	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7937	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7937	0.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7936	0.050	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7937	0.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7937	0.500	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7936	0.100	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7936	0.050	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7937	0.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7937	0.500	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7936	0.100	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7936	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7937	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7937	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7937	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7937	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
876	Continuous Members 876 (Member No. 7975,7976)					
	7975	0.050	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7975	0.100	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7975	0.050	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7975	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7976	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7975	0.100	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7975	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7976	0.500	CO5	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7976	0.000	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7975	0.100	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7976	0.500	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7976	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7975	0.100	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7976	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7976	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7975	0.100	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7975	0.100	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7976	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7976	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7976	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7975	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7976	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7976	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7976	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
877	Continuous Members 877 (Member No. 7817,7838)					
	7838	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7817	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7817	0.100	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7817	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7817	0.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7817	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7817	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7817	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7817	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7817	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
878	Continuous Members 878 (Member No. 7894,7896)					
	7894	0.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7894	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7894	0.200	CO11	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7894	0.000	CO1	0.00 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7894	0.000	CO11	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7894	0.200	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7894	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7894	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7894	0.100	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7894	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
879	Continuous Members 879 (Member No. 7933,7935)					
	7933	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7933	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7933	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7933	0.000	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7933	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7933	0.200	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7933	0.200	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7933	0.000	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7933	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7933	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7933	0.100	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7933	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
880	Continuous Members 880 (Member No. 7972,7974)					
	7974	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7972	0.000	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7972	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7972	0.100	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7972	0.200	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7972	0.200	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7972	0.200	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7972	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7972	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7972	0.100	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7972	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
881	Continuous Members 881 (Member No. 9790,9791,9884,9885)					
	9885	0.150	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9791	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9791	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9791	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9791	0.000	CO11	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9791	0.050	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9790	0.100	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9885	0.000	CO5	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9791	0.100	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9791	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9791	0.000	CO4	0.43 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9791	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9791	0.000	CO4	0.44 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9791	0.100	CO10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9790	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9791	0.050	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9885	0.150	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9791	0.050	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9791	0.050	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
882	Continuous Members 882 (Member No. 9825,9826,9889,9890)					
	9825	0.100	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9826	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9826	0.100	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9826	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9826	0.100	CO4	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9826	0.000	CO11	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9890	0.150	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9825	0.100	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9826	0.100	CO5	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9826	0.100	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9826	0.100	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9826	0.100	CO4	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9826	0.100	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9826	0.100	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9890	0.000	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9826	0.100	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9826	0.100	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9826	0.100	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9825	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9890	0.150	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9890	0.150	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9826	0.050	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9826	0.050	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
883	Continuous Members 883 (Member No. 9840,9841,9894,9895)					
	9895	0.300	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9841	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9841	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9841	0.100	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9841	0.000	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9841	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9841	0.100	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9841	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9841	0.100	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9841	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9841	0.100	CO5	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9841	0.000	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9840	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9895	0.150	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9895	0.150	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9841	0.050	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9841	0.050	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
884	Continuous Members 884 (Member No. 9855,9856,9905,9906)					
	9905	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9856	0.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9856	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9856	0.000	CO4	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9856	0.000	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9856	0.100	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9856	0.100	RC9	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9856	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9856	0.100	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9856	0.050	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9856	0.000	CO5	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9856	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9855	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9856	0.050	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9906	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9856	0.050	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9856	0.050	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
885	Continuous Members 885 (Member No. 9783,9784,9792,9883)					
	9883	0.000	CO4	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9783	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9792	0.000	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9883	0.000	CO4	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9883	0.000	CO5	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9783	0.000	CO12	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9792	0.200	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9883	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9783	0.000	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9883	0.000	CO4	0.27 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9883	0.000	CO5	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9783	0.000	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9783	0.100	RC9	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9783	0.100	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9783	0.000	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9783	0.100	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9783	0.100	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9783	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9883	0.150	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9792	0.100	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9883	0.150	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9883	0.150	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
886	Continuous Members 886 (Member No. 9827,9875,9876,9899)					
	9827	0.100	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9899	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9876	0.200	CO4	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9875	0.100	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9875	0.050	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9899	0.000	CO11	0.28 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9899	0.000	CO10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9875	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9899	0.000	CO4	0.29 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9876	0.200	CO4	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9827	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9827	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9827	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9827	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9899	0.150	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9899	0.150	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
887	Continuous Members 887 (Member No. 9842,9877,9878,9900)					
	9842	0.000	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9900	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9878	0.200	CO5	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9877	0.100	CO4	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9900	0.000	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9877	0.100	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9877	0.100	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9842	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9900	0.000	CO5	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9842	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9842	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9842	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9842	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9900	0.150	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9900	0.150	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
888	Continuous Members 888 (Member No. 9857,9879,9880,9910)					
	9857	0.100	CO11	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9857	0.200	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9857	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9910	0.000	CO11	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9879	0.100	CO5	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9910	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9880	0.200	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9857	0.100	CO11	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9910	0.000	CO11	0.21 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9910	0.000	CO5	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9857	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9910	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9880	0.200	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9857	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9910	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9879	0.100	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9857	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9880	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9880	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9910	0.150	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
9910	0.150	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
889	Continuous Members 889 (Member No. 7596,9779,9809,9888)					
	9888	0.150	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9779	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7596	0.100	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7596	0.000	CO4	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7596	0.000	CO4	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9809	0.200	CO5	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9779	0.100	CO2	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9779	0.200	CO4	0.23 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9809	0.200	CO4	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9779	0.200	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9809	0.200	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7596	0.100	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9779	0.200	RC9	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7596	0.000	RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7596	0.100	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7596	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9809	0.100	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9779	0.100	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9809	0.100	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9809	0.100	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
890	Continuous Members 890 (Member No. 9780,9834,9881,9893)						
	9834	0.100	RC9	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9834	0.200	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9780	0.100	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9881	0.000	CO4	0.16	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9834	0.200	CO4	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9834	0.200	RC9	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9881	0.000	CO11	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9780	0.100	CO2	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9834	0.200	CO4	0.43	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9881	0.000	CO4	0.35	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9834	0.200	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9834	0.200	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9881	0.100	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9834	0.200	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9834	0.200	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9834	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9780	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9780	0.100	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9780	0.100	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9834	0.100	CO16	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9834	0.100	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
891	Continuous Members 891 (Member No. 9781,9849,9882,9898)						
	9849	0.100	RC9	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9898	0.150	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9882	0.100	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9781	0.200	CO5	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9849	0.200	CO4	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9849	0.200	RC9	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9849	0.100	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9882	0.100	CO3	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9898	0.000	CO5	0.26	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9849	0.200	CO4	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9898	0.150	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9849	0.200	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9849	0.200	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9882	0.100	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9898	0.150	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9849	0.200	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9849	0.200	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9781	0.200	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9781	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9781	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9781	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9849	0.100	CO17	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9849	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
892	Continuous Members 892 (Member No. 9782,9864,9904,9909)					
	9909	0.150	CO11	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9864	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9864	0.200	CO5	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9864	0.200	CO4	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9904	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9864	0.200	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9904	0.100	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9909	0.150	CO11	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9864	0.200	CO5	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9864	0.200	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9782	0.200	CO5	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9864	0.200	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9864	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9782	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9782	0.100	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9782	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9864	0.100	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9864	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
893	Continuous Members 893 (Member No. 9808,9887)					
	9808	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9808	0.000	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9808	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9808	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9808	0.500	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9808	0.000	CO11	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9808	0.000	CO5	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9808	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9808	0.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9808	0.500	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9808	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9808	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9808	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9808	0.250	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9808	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
894	Continuous Members 894 (Member No. 9833,9892)					
	9833	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9833	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9833	0.250	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9833	0.250	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9833	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9833	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9833	0.500	CO4	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9833	0.500	RC9	0.04 ≤ 1	153)	acc. to 6.1.6
	9833	0.250	RC9	0.01 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9833	0.500	RC9	0.04 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9833	0.500	RC9	0.01 ≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9833	0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9833	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	9833	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9833	0.250	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9833	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9833	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
895	Continuous Members 895 (Member No. 9848,9897)					
	9848	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9848	0.250	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9848	0.250	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9848	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9848	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9848	0.250	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9848	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9848	0.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9848	0.250	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9848	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9848	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9848	0.500	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9848	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9848	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9848	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9848	0.250	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9848	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
896	Continuous Members 896 (Member No. 9863,9908)					
	9908	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9863	0.500	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9863	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9863	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9863	0.250	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9863	0.250	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9863	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9863	0.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9863	0.500	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9863	0.000	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9863	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9863	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9863	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9863	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9863	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9863	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9863	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
897	Continuous Members 897 (Member No. 9806,9807,9886)					
	9806	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9806	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9807	0.200	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9806	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9886	0.000	CO10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9806	0.000	CO4	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9806	0.050	CO6	0.01 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9807	0.100	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9807	0.200	CO10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9806	0.050	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9807	0.200	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9886	0.000	CO4	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9806	0.050	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9807	0.100	CO11	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9807	0.200	CO11	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9886	0.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9806	0.050	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9807	0.100	CO11	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9807	0.200	CO11	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9886	0.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9806	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9886	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9886	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9807	0.100	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9807	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
898	Continuous Members 898 (Member No. 9831,9832,9891)					
	9831	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9832	0.200	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9891	0.250	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9832	0.200	CO4	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9891	0.500	CO5	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9831	0.050	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9891	0.500	CO11	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9891	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9831	0.050	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9891	0.000	CO4	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9832	0.200	CO4	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9831	0.050	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9832	0.200	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9832	0.200	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9891	0.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9831	0.050	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9832	0.200	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9832	0.200	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9832	0.200	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9831	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9891	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9891	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9832	0.100	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9832	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
899	Continuous Members 899 (Member No. 9846,9847,9896)					
	9896	0.500	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9847	0.200	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9847	0.200	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9847	0.200	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9896	0.250	RC9	0.01 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9847	0.200	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9896	0.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9847	0.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9896	0.500	CO5	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9847	0.200	CO5	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9896	0.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9846	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9896	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9896	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9847	0.100	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9847	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
900	Continuous Members 900 (Member No. 9861,9862,9907)					
	9907	0.250	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9907	0.250	CO11	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9861	0.050	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9862	0.200	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9862	0.200	CO5	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9862	0.200	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9862	0.200	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9907	0.000	CO4	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9861	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9862	0.200	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9862	0.200	CO5	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9861	0.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9862	0.200	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9907	0.500	CO5	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9861	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9861	0.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9862	0.200	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9907	0.500	CO5	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9907	0.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9861	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9907	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9907	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9862	0.100	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9862	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
901	Continuous Members 901 (Member No. 9793,9805)					
	9805	0.400	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9793	0.100	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9793	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9793	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9793	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9793	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9793	0.000	CO10	0.15 ≤ 1	163)	Cross-section resistance - Uniaxial bending and tension acc. to 6.2.3
	9793	0.200	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9793	0.000	CO10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9793	0.200	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9793	0.200	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9793	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9793	0.100	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9793	0.100	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9793	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
902	Continuous Members 902 (Member No. 9828,9830)					
	9828	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9828	0.200	CO5	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9828	0.200	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9828	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9828	0.100	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9828	0.100	CO4	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9828	0.000	CO4	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9828	0.200	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9828	0.200	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9828	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9828	0.200	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9828	0.200	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9828	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9828	0.100	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9828	0.100	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
903	Continuous Members 903 (Member No. 9843,9845)					
	9843	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9843	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9843	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9843	0.200	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9843	0.200	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9843	0.200	CO5	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9843	0.200	CO4	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9843	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9843	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9843	0.100	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9843	0.100	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9843	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
904	Continuous Members 904 (Member No. 9858,9860)					
	9860	0.400	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9858	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9858	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9858	0.200	CO11	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9858	0.200	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9858	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9858	0.200	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9858	0.200	CO5	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9858	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9858	0.200	CO5	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9858	0.200	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9858	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9858	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9858	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9858	0.100	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9858	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
905	Continuous Members 905 (Member No. 9675,9676)					

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9676	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9676	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9676	0.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9675	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9676	0.100	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9676	0.000	CO9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9676	0.100	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9676	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9675	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9676	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9676	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9676	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
906	Continuous Members 906 (Member No. 9710,9711)					
	9710	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9711	0.100	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9711	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9711	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9711	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9711	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9711	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9711	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9711	0.100	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9711	0.100	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9711	0.000	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9711	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9710	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9711	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9711	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9711	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9710	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
907	Continuous Members 907 (Member No. 9725,9726)					
	9726	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9726	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9726	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9726	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9726	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9726	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9726	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9726	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9726	0.100	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9726	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9726	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9726	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9725	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9726	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9726	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9726	0.100	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9725	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
908	Continuous Members 908 (Member No. 9740,9741)					
	9741	0.100	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9741	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9741	0.400	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9741	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9740	0.200	RC9	0.02 ≤ 1	152)	6.1.8 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9741	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9741	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9741	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9740	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9740	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9740	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
909	Continuous Members 909 (Member No. 9668,9669,9677)					
	9677	0.200	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9668	0.100	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9677	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9677	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9669	0.200	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9668	0.100	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9668	0.100	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9677	0.200	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9668	0.050	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9677	0.000	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9668	0.100	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9668	0.100	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9668	0.100	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9668	0.100	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9668	0.100	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9668	0.100	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9668	0.100	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9668	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9669	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9669	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9677	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9677	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
910	Continuous Members 910 (Member No. 9712,9760,9761)					
	9761	0.500	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9760	0.100	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9712	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9761	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9761	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9760	0.100	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9760	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9760	0.000	RC9	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9760	0.100	CO10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9760	0.100	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9760	0.100	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9760	0.100	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9760	0.100	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9760	0.100	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9760	0.100	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9760	0.100	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9712	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9761	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9761	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9761	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9761	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
911	Continuous Members 911 (Member No. 9727,9762,9763)					
	9727	0.200	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9763	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9727	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9763	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9763	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9763	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9762	0.100	CO1	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9762	0.100	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9762	0.000	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9762	0.100	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9762	0.100	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9762	0.000	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9762	0.100	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9762	0.100	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9727	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9763	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9763	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9763	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9763	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
912	Continuous Members 912 (Member No. 9742,9764,9765)					
	9742	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9765	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9742	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9765	0.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9765	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9742	0.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9742	0.100	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9765	0.200	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9764	0.100	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9764	0.100	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9764	0.000	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9742	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9764	0.100	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9764	0.100	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9764	0.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9742	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9764	0.100	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9764	0.100	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9742	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9765	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9765	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9765	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9742	0.100	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
913	Continuous Members 913 (Member No. 9664,9694)					
	9694	0.200	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9694	0.200	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9664	0.300	RC9	0.03 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	9664	0.200	RC9	0.06 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	9664	0.200	RC9	0.07 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9694	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9664	0.300	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9664	0.200	CO2	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9694	0.200	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9664	0.300	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9694	0.200	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9664	0.300	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9664	0.300	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9694	0.200	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9664	0.300	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9664	0.300	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9664	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9664	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9664	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9664	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9664	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
914	Continuous Members 914 (Member No. 9665,9719,11500)					
	9719	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9665	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9665	0.300	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9719	0.100	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9719	0.100	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9665	0.300	CO8	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9719	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9665	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9665	0.300	CO5	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9719	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9665	0.300	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9665	0.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	11500	0.150	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9665	0.200	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9665	0.300	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9665	0.000	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	11500	0.150	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9665	0.300	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9665	0.300	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9665	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9665	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9665	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9719	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9719	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
915	Continuous Members 915 (Member No. 9666,9734,11513)					
	9734	0.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9666	0.300	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9734	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9666	0.300	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9666	0.200	RC9	0.02 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	11513	0.150	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9734	0.100	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9666	0.300	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9666	0.200	CO5	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9734	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9666	0.300	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9666	0.300	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9666	0.200	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9734	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9666	0.300	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9666	0.300	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9666	0.200	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9734	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9666	0.300	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9666	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9666	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9666	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9666	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9666	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
916	Continuous Members 916 (Member No. 9667,9749)					
	9749	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9667	0.300	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9749	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9667	0.300	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9667	0.200	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9749	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9667	0.200	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9667	0.200	CO5	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9749	0.200	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9667	0.300	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9667	0.300	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9667	0.200	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9667	0.200	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9667	0.300	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9667	0.300	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9667	0.200	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9667	0.200	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9667	0.300	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9667	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9667	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9667	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9667	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9667	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
917	Continuous Members 917 (Member No. 9693)					
	9693	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9693	0.000	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9693	0.500	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9693	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9693	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9693	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9693	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9693	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9693	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9693	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9693	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9693	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
918	Continuous Members 918 (Member No. 9718)					
	9718	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9718	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9718	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	9718	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9718	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9718	0.000	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9718	0.000	CO1	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9718	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9718	0.500	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9718	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9718	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9718	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9718	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9718	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9718	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
919	Continuous Members 919 (Member No. 9733)					
	9733	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9733	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9733	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force V _z acc. to 6.1.7
	9733	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	9733	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9733	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9733	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9733	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9733	0.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9733	0.500	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9733	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9733	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9733	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9733	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9733	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9733	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
920	Continuous Members 920 (Member No. 9748)					
	9748	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9748	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9748	0.000	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force V _z acc. to 6.1.7
	9748	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	9748	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9748	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9748	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9748	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9748	0.000	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
9748	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
9748	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9748	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9748	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9748	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9748	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
921	Continuous Members 921 (Member No. 9691,9692)					
	9691	0.050	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9692	0.200	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9691	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9692	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9692	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9691	0.050	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9692	0.700	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9692	0.200	CO10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9691	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9692	0.200	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9692	0.700	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9692	0.200	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9692	0.200	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9691	0.050	CO11	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9691	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9692	0.200	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9692	0.200	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9691	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9691	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9692	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9692	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9692	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9692	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
922	Continuous Members 922 (Member No. 9716,9717)					
	9716	0.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9716	0.050	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9716	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9717	0.200	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9717	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9716	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9717	0.200	CO5	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9717	0.700	CO10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9716	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9717	0.700	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9716	0.050	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9717	0.200	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9717	0.200	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9716	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9716	0.050	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9717	0.200	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9717	0.200	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9717	0.700	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9716	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9717	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9717	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9717	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9717	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
923	Continuous Members 923 (Member No. 9731,9732)					
	9731	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9731	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9731	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9732	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9732	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9731	0.100	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9732	0.200	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9732	0.200	CO10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9731	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9732	0.200	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9731	0.000	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9732	0.200	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9732	0.200	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9732	0.200	CO6	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9731	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9731	0.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9732	0.200	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9732	0.200	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9732	0.700	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9731	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9732	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9732	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9732	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9732	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
924	Continuous Members 924 (Member No. 9746,9747)					
	9747	0.700	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9746	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9746	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9746	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9747	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9747	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9746	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9747	0.200	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9747	0.200	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9746	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9747	0.700	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9747	0.700	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9746	0.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9747	0.200	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9747	0.200	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9747	0.200	CO9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9746	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9746	0.000	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.200	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.200	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.700	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9746	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9747	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9747	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9747	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9747	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
925	Continuous Members 925 (Member No. 9678,9690)					
	9690	0.400	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9678	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9678	0.100	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9678	0.000	CO3	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9678	0.200	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9678	0.000	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9678	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9678	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9678	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9678	0.100	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9678	0.100	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
926	Continuous Members 926 (Member No. 9713,9715)					
	9715	0.400	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9713	0.000	CO3	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9713	0.100	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9713	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9713	0.200	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9713	0.000	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9713	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9713	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9713	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9713	0.100	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9713	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
927	Continuous Members 927 (Member No. 9728,9730)					
	9728	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9728	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9728	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9728	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9728	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9728	0.200	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9728	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9728	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9728	0.100	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9728	0.100	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9728	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
928	Continuous Members 928 (Member No. 9743,9745)					
	9745	0.400	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9743	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9743	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9743	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9743	0.100	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9743	0.200	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9743	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9743	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9743	0.100	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9743	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
1029	Continuous Members 1029 (Member No. 6722,7281)						
	7281	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6722	0.100	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6722	0.100	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6722	0.200	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6722	0.200	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6722	0.100	RC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6722	0.000	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1030	Continuous Members 1030 (Member No. 6739,7292)						
	7292	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6739	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6739	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6739	0.100	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6739	0.200	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6739	0.200	CO11	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6739	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6739	0.100	CO11	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6739	0.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6739	0.000	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6739	0.200	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6739	0.000	RC9	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6739	0.200	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6739	0.200	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6739	0.000	RC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
6739	0.200	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
6739	0.200	RC9	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1031	Continuous Members 1031 (Member No. 6770,7303)						
	7303	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6770	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6770	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6770	0.200	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6770	0.200	RC9	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6770	0.200	RC9	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
6770	0.000	CO5	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1032	Continuous Members 1032 (Member No. 6801,7304)						
	7304	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6801	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6801	0.100	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6801	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6801	0.100	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6801	0.200	RC9	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6801	0.200	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
6801	0.200	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1033	Continuous Members 1033 (Member No. 6832,7305)						
	7305	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6832	0.100	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6832	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6832	0.000	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6832	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
6832	0.000	RC9	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
1034	Continuous Members 1034 (Member No. 6863,7306)					
	7306	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6863	0.000	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6863	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6863	0.200	CO3	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6863	0.200	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6863	0.200	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6863	0.100	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6863	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6863	0.100	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
6863	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1035	Continuous Members 1035 (Member No. 6894,7307)					
	7307	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6894	0.200	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6894	0.200	CO2	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6894	0.200	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6894	0.200	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6894	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6894	0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6894	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6894	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1036	Continuous Members 1036 (Member No. 6925,7308)					
	7308	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6925	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6925	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6925	0.100	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6925	0.200	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6925	0.100	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6925	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6925	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1037	Continuous Members 1037 (Member No. 6956,7309)				
7309		0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
6956		0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
6956		0.200	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
6956		0.100	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
6956		0.000	RC9	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
6956		0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
6956		0.200	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1038	Continuous Members 1038 (Member No. 6987,7310)					
	7310	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6987	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6987	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6987	0.100	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6987	0.000	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6987	0.200	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6987	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1039	Continuous Members 1039 (Member No. 7018,7311)					
	7311	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7018	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7018	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7018	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
7018	0.200	RC9	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis a	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7018	0.200	RC9	0.13 ≤ 1	153)	acc. to 6.1.6
	7018	0.200	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7018	0.200	RC9	0.01 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7018	0.200	RC9	0.12 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7018	0.000	RC9	0.00 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7018	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1040	Continuous Members 1040 (Member No. 7049,7312)					
	7312	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7049	0.100	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7049	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7049	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7049	0.000	CO2	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7049	0.000	CO3	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7049	0.000	RC9	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1041	Continuous Members 1041 (Member No. 7313,7325)					
	7313	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7325	0.500	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7325	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7325	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7313	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7325	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7325	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7313	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7325	0.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7325	0.000	CO10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7313	0.000	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7325	0.000	CO11	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7325	0.000	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7313	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7325	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7325	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	CO4	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7325	0.000	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7313	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1042	Continuous Members 1042 (Member No. 7314,7326)					
	7314	0.150	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7326	0.250	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7326	0.250	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7314	0.150	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7314	0.000	CO11	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7326	0.000	CO10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7314	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7314	0.300	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7326	0.250	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7326	0.500	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7314	0.300	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7326	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7326	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7326	0.250	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7326	0.500	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7314	0.300	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7326	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1043	Continuous Members 1043 (Member No. 7315,7327)					
	7315	0.300	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7327	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7315	0.300	CO10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7315	0.150	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7315	0.150	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7327	0.250	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7315	0.150	RC9	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7315	0.300	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7315	0.300	CO10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7315	0.000	CO11	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7315	0.300	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7327	0.250	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7315	0.300	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7315	0.300	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7327	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7327	0.000	CO10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7327	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7315	0.300	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7315	0.300	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7327	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1044	Continuous Members 1044 (Member No. 7316,7328)					
	7316	0.150	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7328	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7328	0.000	CO11	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7316	0.150	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7316	0.150	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7316	0.300	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7328	0.000	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7316	0.000	CO11	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7316	0.300	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7328	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7316	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7316	0.300	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7328	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7328	0.000	CO11	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7328	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7316	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7316	0.300	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7328	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1045	Continuous Members 1045 (Member No. 7317,7329)					
	7317	0.000	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7329	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7329	0.000	CO10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7329	0.250	RC9	0.01 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7317	0.300	CO3	0.02 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7317	0.300	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7317	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7329	0.250	CO10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7317	0.000	CO5	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7329	0.000	CO10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7317	0.300	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7317	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7317	0.300	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7329	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7329	0.000	CO10	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7317	0.300	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7317	0.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7317	0.300	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7329	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1046	Continuous Members 1046 (Member No. 7318,7330)					
	7330	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7330	0.500	CO11	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7330	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7330	0.000	CO11	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7318	0.300	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7318	0.150	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7318	0.150	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7318	0.300	CO6	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7318	0.300	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7330	0.000	CO11	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7318	0.150	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7318	0.300	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7330	0.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7330	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7318	0.300	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7330	0.250	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7330	0.000	CO11	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7330	0.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7330	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7318	0.300	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7330	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1047	Continuous Members 1047 (Member No. 7319,7331)					
	7319	0.000	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7331	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7319	0.300	CO10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7319	0.150	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7319	0.300	CO3	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7319	0.300	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7331	0.250	CO10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7319	0.000	CO11	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7319	0.300	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7331	0.000	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7319	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7319	0.300	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7331	0.000	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7331	0.000	CO10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7331	0.000	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7319	0.000	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7319	0.300	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7331	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1048	Continuous Members 1048 (Member No. 7320,7332)					
	7320	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7320	0.150	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7332	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7332	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7332	0.250	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7320	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7332	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7320	0.150	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7320	0.300	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7332	0.250	CO10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7320	0.000	CO10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7332	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7320	0.300	CO8	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7320	0.300	CO3	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7332	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7332	0.000	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7332	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7320	0.300	CO8	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7320	0.300	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7332	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7332	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1049	Continuous Members 1049 (Member No. 7321,7333)					
	7321	0.000	CO11	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7333	0.500	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7333	0.000	CO10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7333	0.250	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7321	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7321	0.300	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7321	0.300	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7333	0.250	CO10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7321	0.150	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7321	0.300	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7333	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7321	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7321	0.300	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7333	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7333	0.000	CO10	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7333	0.250	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - B

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7321	0.000	RC9	0.07 ≤ 1	328)	Buckling about both axes Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7321	0.300	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7333	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1050	Continuous Members 1050 (Member No. 7322,7334)					
	7322	0.150	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7334	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7322	0.300	CO11	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7322	0.300	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7334	0.250	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7322	0.300	RC9	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7322	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7334	0.000	CO11	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7334	0.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7322	0.300	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7334	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7322	0.300	CO12	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7322	0.300	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7334	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7334	0.000	CO5	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7334	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7322	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7322	0.300	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7334	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1051	Continuous Members 1051 (Member No. 7323,7335)					
	7335	0.500	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7335	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7323	0.300	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7323	0.150	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7323	0.150	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7335	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7335	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7323	0.300	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7335	0.000	CO11	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7335	0.500	CO10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7323	0.300	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7323	0.300	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7323	0.300	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7323	0.300	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7335	0.250	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7335	0.000	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7323	0.300	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7323	0.300	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7323	0.300	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7335	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1052	Continuous Members 1052 (Member No. 7324,7336)					
	7324	0.300	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7324	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7336	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7324	0.000	RC9	0.03 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7324	0.150	RC9	0.07 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7324	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7324	0.300	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7324	0.300	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7324	0.000	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7336	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7336	0.250	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7324	0.000	CO6	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7336	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7336	0.250	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7336	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7336	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7324	0.000	CO6	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7336	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7336	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1053	Continuous Members 1053 (Member No. 6867,7337)					
	7337	0.500	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6867	0.150	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6867	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6867	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6867	0.150	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7337	0.250	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6867	0.300	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6867	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7337	0.500	CO11	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7337	0.500	CO10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7337	0.250	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6867	0.300	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6867	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7337	0.500	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7337	0.500	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7337	0.250	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6867	0.300	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6867	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6867	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1054	Continuous Members 1054 (Member No. 6891,7338)					
	7338	0.500	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6891	0.300	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7338	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6891	0.300	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6891	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6891	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7338	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7338	0.500	CO10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6891	0.150	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6891	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7338	0.500	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6891	0.300	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6891	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7338	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7338	0.500	CO10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7338	0.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6891	0.300	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6891	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7338	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1055	Continuous Members 1055 (Member No. 6898,7339)					
	7339	0.250	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6898	0.150	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7339	0.500	CO10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6898	0.150	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6898	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7339	0.500	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7339	0.500	CO4	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6898	0.150	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6898	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7339	0.250	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6898	0.150	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6898	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7339	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7339	0.500	CO10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7339	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6898	0.150	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6898	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7339	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1056	Continuous Members 1056 (Member No. 6922,7340)					
	7340	0.500	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7340	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7340	0.500	CO10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6922	0.300	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6922	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6922	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7340	0.500	CO10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6922	0.150	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6922	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7340	0.500	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6922	0.150	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6922	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7340	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7340	0.500	CO10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7340	0.500	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6922	0.150	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6922	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7340	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1057	Continuous Members 1057 (Member No. 6929,7341)					
	7341	0.500	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7341	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6929	0.000	CO10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6929	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7341	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7341	0.500	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6929	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7341	0.500	CO10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7341	0.500	CO4	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7341	0.250	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6929	0.300	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6929	0.300	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7341	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7341	0.500	CO10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7341	0.250	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6929	0.300	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6929	0.300	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7341	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1058	Continuous Members 1058 (Member No. 6953,7342)					
	7342	0.250	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7342	0.500	CO11	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6953	0.150	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7342	0.500	CO11	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6953	0.300	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6953	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6953	0.150	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6953	0.150	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7342	0.500	CO11	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6953	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6953	0.300	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7342	0.000	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6953	0.150	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6953	0.300	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7342	0.000	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7342	0.500	CO11	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7342	0.000	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6953	0.150	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6953	0.300	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6953	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1059	Continuous Members 1059 (Member No. 6960,7343)					
	7343	0.500	CO10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7343	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7343	0.500	CO10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6960	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6960	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6960	0.150	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7343	0.500	CO10	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6960	0.300	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7343	0.000	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6960	0.300	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6960	0.000	RC9	0.09 ≤ 1	173)	and compression acc. to 6.2.4
	7343	0.000	RC9	0.02 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7343	0.500	CO10	0.06 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7343	0.000	CO2	0.02 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6960	0.300	RC9	0.11 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6960	0.000	RC9	0.10 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7343	0.500	RC9	0.02 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
						Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1060	Continuous Members 1060 (Member No. 6984,7344)					
	7344	0.500	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7344	0.500	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7344	0.250	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6984	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6984	0.150	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7344	0.500	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6984	0.300	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6984	0.150	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7344	0.500	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6984	0.150	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7344	0.250	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7344	0.500	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6984	0.300	CO1	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7344	0.500	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7344	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7344	0.500	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6984	0.300	CO1	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1061	Continuous Members 1061 (Member No. 6991,7345)					
	7345	0.250	CO11	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7345	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7345	0.250	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6991	0.150	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6991	0.150	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7345	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7345	0.500	CO10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6991	0.150	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6991	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7345	0.500	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6991	0.300	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6991	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7345	0.000	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7345	0.500	CO11	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7345	0.500	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6991	0.300	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6991	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7345	0.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
1062	Continuous Members 1062 (Member No. 7015,7346)					
	7346	0.250	CO11	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7346	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7346	0.250	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7015	0.150	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7015	0.150	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7015	0.150	RC9	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7015	0.000	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7346	0.250	CO11	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7015	0.150	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7015	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7346	0.250	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7015	0.000	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7015	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7346	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7346	0.500	CO11	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7346	0.250	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7015	0.000	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7015	0.000	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7346	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1063	Continuous Members 1063 (Member No. 7022,7347)					
	7347	0.250	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7022	0.300	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7022	0.000	CO11	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7022	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7022	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7022	0.300	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7022	0.300	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7347	0.250	CO11	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7347	0.500	CO11	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7347	0.500	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7022	0.150	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7022	0.300	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7347	0.500	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7347	0.500	CO11	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7347	0.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
7022	0.150	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
7022	0.300	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
7022	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1064	Continuous Members 1064 (Member No. 7046,7348)					
	7348	0.250	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7348	0.250	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7348	0.250	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7046	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7046	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7348	0.250	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7046	0.300	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7348	0.500	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7046	0.300	RC9	0.08 ≤ 1	172)	and compression acc. to 6.2.4
	7046	0.300	RC9	0.07 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7046	0.300	CO3	0.01 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7348	0.500	RC9	0.06 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7348	0.500	RC9	0.07 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7046	0.300	RC9	0.10 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7046	0.300	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7348	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1065	Continuous Members 1065 (Member No. 6720,7349,8473)					
	7349	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6720	0.200	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7349	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8473	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6720	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8473	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6720	0.200	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6720	0.200	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8473	0.100	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7349	0.250	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7349	0.500	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7349	0.000	CO11	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7349	0.000	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8473	0.100	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6720	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6720	0.100	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8473	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7349	0.000	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8473	0.100	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6720	0.000	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7349	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1066	Continuous Members 1066 (Member No. 6737,7350,8474)					
	6737	0.200	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7350	0.250	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8474	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8474	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8474	0.000	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8474	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7350	0.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8474	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6737	0.100	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6737	0.100	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6737	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8474	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6737	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7350	0.250	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7350	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7350	0.500	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6737	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	6737	0.200	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1067	Continuous Members 1067 (Member No. 6768,7351,8475)						
	6768	0.200	CO10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8475	0.050	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7351	0.250	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8475	0.000	RC9	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8475	0.000	RC9	0.17	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6768	0.000	RC9	0.18	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6768	0.000	RC9	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6768	0.200	CO10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6768	0.100	RC9	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6768	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8475	0.050	CO2	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6768	0.000	RC9	0.18	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6768	0.000	RC9	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7351	0.250	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8475	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8475	0.050	CO2	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6768	0.000	RC9	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6768	0.000	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8475	0.000	CO3	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1068	Continuous Members 1068 (Member No. 6799,7352,8476)						
	6799	0.200	CO10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8476	0.100	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8476	0.100	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8476	0.000	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8476	0.000	RC9	0.13	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8476	0.000	RC9	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6799	0.200	CO10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6799	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8476	0.000	CO2	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6799	0.100	RC9	0.14	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6799	0.000	RC9	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7352	0.250	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7352	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8476	0.000	CO2	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6799	0.100	RC9	0.15	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6799	0.000	RC9	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8476	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1069	Continuous Members 1069 (Member No. 6830,7353,8477)						
	6830	0.200	CO10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7353	0.250	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6830	0.100	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6830	0.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8477	0.000	RC9	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7353	0.250	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7353	0.250	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6830	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6830	0.200	CO10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6830	0.200	RC9	0.03 ≤ 1	162)	and tension acc. to 6.2.3 Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6830	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6830	0.200	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6830	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6830	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7353	0.250	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6830	0.200	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6830	0.200	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6830	0.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6830	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8477	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1070	Continuous Members 1070 (Member No. 6861,7354,8478)					
	7354	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8478	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8478	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8478	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8478	0.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6861	0.200	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7354	0.500	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8478	0.000	CO9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7354	0.500	CO10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8478	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6861	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7354	0.000	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8478	0.000	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6861	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6861	0.000	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6861	0.200	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7354	0.000	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8478	0.000	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6861	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8478	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1071	Continuous Members 1071 (Member No. 6892,7355,8479)					
	6892	0.200	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8479	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8479	0.100	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8479	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8479	0.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7355	0.250	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7355	0.500	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6892	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6892	0.200	CO10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7355	0.250	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6892	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8479	0.000	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7355	0.500	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6892	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6892	0.000	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6892	0.200	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - B

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8479	0.000	CO2	0.04 ≤ 1	323)	Bending about y-axis
	7355	0.500	RC9	0.06 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6892	0.000	RC9	0.15 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8479	0.000	CO3	0.02 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1072	Continuous Members 1072 (Member No. 6923,7356,8480)					
	8480	0.100	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8480	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6923	0.100	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8480	0.050	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8480	0.000	RC9	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8480	0.100	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7356	0.500	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6923	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6923	0.200	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6923	0.000	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6923	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8480	0.100	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8480	0.100	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8480	0.100	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6923	0.200	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8480	0.100	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8480	0.100	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8480	0.100	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7356	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1073	Continuous Members 1073 (Member No. 6954,7357,8481)					
	6954	0.000	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7357	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8481	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8481	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8481	0.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6954	0.000	RC9	0.17 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8481	0.000	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6954	0.000	CO10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6954	0.000	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6954	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8481	0.000	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7357	0.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6954	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7357	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8481	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7357	0.000	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6954	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8481	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1074	Continuous Members 1074 (Member No. 6985,7358,8482)					
	7358	0.250	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7358	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8482	0.100	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8482	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8482	0.000	RC9	0.13 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8482	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6985	0.100	RC9	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6985	0.000	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7358	0.250	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8482	0.000	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6985	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8482	0.050	CO8	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6985	0.000	RC9	0.22 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6985	0.000	RC9	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7358	0.250	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8482	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8482	0.050	CO8	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6985	0.000	RC9	0.22 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6985	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8482	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1075	Continuous Members 1075 (Member No. 7016,7359,8483)					
	8483	0.100	CO2	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8483	0.050	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8483	0.000	RC9	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8483	0.000	RC9	0.23 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7016	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7016	0.200	CO11	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7359	0.000	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8483	0.000	RC9	0.18 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8483	0.000	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7016	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7359	0.000	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8483	0.000	RC9	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8483	0.000	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8483	0.000	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1076	Continuous Members 1076 (Member No. 7047,7360,8484)					
	7047	0.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7360	0.250	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8484	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8484	0.050	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8484	0.000	RC9	0.32 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8484	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7360	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8484	0.100	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7047	0.200	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7360	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8484	0.100	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7047	0.200	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7360	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7360	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7360	0.250	CO6	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8484	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7047	0.200	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7360	0.000	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7360	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7047	0.200	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1077	Continuous Members 1077 (Member No. 6718,8461)					
	6718	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6718	0.200	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8461	0.200	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6718	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8461	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8461	0.200	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8461	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8461	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8461	0.200	CO11	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6718	0.400	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6718	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8461	0.000	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6718	0.400	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8461	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6718	0.200	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8461	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8461	0.000	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6718	0.400	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8461	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6718	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1078	Continuous Members 1078 (Member No. 6735,8462)					
	6735	0.400	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6735	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6735	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6735	0.200	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6735	0.200	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8462	0.200	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8462	0.400	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8462	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6735	0.200	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8462	0.400	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6735	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8462	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6735	0.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8462	0.000	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6735	0.200	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8462	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8462	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6735	0.000	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8462	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8462	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1079	Continuous Members 1079 (Member No. 6766,8463)					
	6766	0.400	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8463	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8463	0.400	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Model: Oikia Paidwn_phase 2_R10

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6766	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6766	0.200	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6766	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8463	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8463	0.000	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6766	0.400	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8463	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8463	0.000	CO8	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6766	0.200	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8463	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6766	0.200	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8463	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8463	0.000	CO8	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6766	0.200	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8463	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8463	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1080	Continuous Members 1080 (Member No. 6797,8464)					
	6797	0.400	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6797	0.200	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8464	0.400	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6797	0.200	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6797	0.200	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6797	0.400	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8464	0.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8464	0.000	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6797	0.400	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8464	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8464	0.200	CO3	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6797	0.200	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8464	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6797	0.200	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8464	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8464	0.200	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6797	0.200	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8464	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8464	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1081	Continuous Members 1081 (Member No. 6828,8465)					
	6828	0.400	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8465	0.400	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6828	0.200	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8465	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8465	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6828	0.200	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8465	0.400	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8465	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8465	0.000	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6828	0.400	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6828	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8465	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6828	0.400	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8465	0.000	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6828	0.200	CO9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8465	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8465	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6828	0.400	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8465	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8465	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1082	Continuous Members 1082 (Member No. 6859,8466)					
	6859	0.400	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6859	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8466	0.400	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6859	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6859	0.200	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8466	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8466	0.400	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8466	0.000	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6859	0.200	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6859	0.000	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8466	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8466	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6859	0.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8466	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6859	0.200	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8466	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8466	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6859	0.000	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8466	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8466	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1083	Continuous Members 1083 (Member No. 6890,8467)					
	6890	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6890	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6890	0.200	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6890	0.200	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6890	0.200	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6890	0.200	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6890	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6890	0.400	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6890	0.000	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8467	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8467	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8467	0.200	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8467	0.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8467	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6890	0.200	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8467	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8467	0.200	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8467	0.000	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8467	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8467	0.000	CO3	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1084	Continuous Members 1084 (Member No. 6921,8468)						
	6921	0.200	CO11	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8468	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6921	0.200	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8468	0.200	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8468	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8468	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8468	0.000	CO9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6921	0.200	CO11	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8468	0.000	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8468	0.000	RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8468	0.000	CO2	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8468	0.000	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8468	0.000	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6921	0.200	CO2	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8468	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8468	0.000	CO2	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8468	0.000	RC9	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8468	0.000	RC9	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6921	0.400	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1085	Continuous Members 1085 (Member No. 6952,8469)						
	8469	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8469	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8469	0.200	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8469	0.200	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6952	0.200	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6952	0.400	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6952	0.000	RC9	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6952	0.400	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8469	0.200	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8469	0.000	RC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8469	0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8469	0.200	CO2	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6952	0.000	RC9	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8469	0.000	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6952	0.200	CO2	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8469	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8469	0.200	CO2	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6952	0.000	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8469	0.000	RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8469	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1086	Continuous Members 1086 (Member No. 6983,8470)						
	6983	0.400	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8470	0.200	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8470	0.400	CO2	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6983	0.400	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6983	0.200	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6983	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6983	0.400	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8470	0.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6983	0.000	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6983	0.400	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6983	0.000	CO10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8470	0.200	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6983	0.200	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8470	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6983	0.200	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8470	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8470	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6983	0.200	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8470	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8470	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1087	Continuous Members 1087 (Member No. 7014,8471)					
	8471	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8471	0.400	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7014	0.200	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7014	0.200	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8471	0.200	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7014	0.200	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7014	0.000	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8471	0.000	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7014	0.200	CO12	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7014	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7014	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8471	0.000	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8471	0.000	CO2	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7014	0.200	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7014	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8471	0.000	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1088	Continuous Members 1088 (Member No. 7045,8472)					
	7045	0.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8472	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7045	0.200	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7045	0.400	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8472	0.000	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8472	0.200	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7045	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8472	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7045	0.200	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7045	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8472	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7045	0.200	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7045	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7045	0.400	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7045	0.400	CO9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7045	0.400	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7045	0.200	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.400	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.400	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1089	Continuous Members 1089 (Member No. 6716,7361,7362)					
	7361	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7362	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7362	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7362	0.050	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7362	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7362	0.100	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7362	0.100	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7362	0.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7361	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7362	0.100	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7362	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1090	Continuous Members 1090 (Member No. 6733,7363,7364)					
	6733	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7363	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7364	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7364	0.100	CO2	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7364	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7364	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7364	0.050	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7364	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7363	0.250	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7364	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7364	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7364	0.100	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1091	Continuous Members 1091 (Member No. 6764,7365,7366)					
	6764	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7366	0.100	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7366	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7366	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7366	0.050	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7365	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7366	0.000	RC9	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7366	0.100	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7366	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7366	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7366	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7366	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1092	Continuous Members 1092 (Member No. 6795,7367,7368)					
	6795	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7368	0.100	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7368	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7368	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7368	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7367	0.250	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7367	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7368	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7368	0.100	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7368	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7368	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1093	Continuous Members 1093 (Member No. 6826,7369,7370)					
	7369	0.250	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7370	0.050	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7370	0.050	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	7370	0.000	CO3	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7370	0.100	RC9	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7370	0.100	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7370	0.050	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7370	0.100	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7370	0.100	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7370	0.000	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1094	Continuous Members 1094 (Member No. 6857,7371,7372)					
	7371	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7372	0.100	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7372	0.050	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	7372	0.050	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7372	0.100	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7372	0.100	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7372	0.100	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7372	0.100	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7372	0.100	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7372	0.100	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1095	Continuous Members 1095 (Member No. 6888,7373,7374)					
	6888	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7374	0.100	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7374	0.050	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	7374	0.100	CO5	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7373	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7373	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7374	0.100	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7374	0.100	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7374	0.100	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7374	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1096	Continuous Members 1096 (Member No. 6919,7375,7376)					
	7375	0.250	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7376	0.100	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7376	0.050	RC9	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force V _z acc. to 6.1.7
	7376	0.050	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	7376	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7376	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7376	0.100	RC9	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7376	0.100	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7376	0.100	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7376	0.100	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7376	0.100	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7375	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1097	Continuous Members 1097 (Member No. 6950,7377,7378)					
	7377	0.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7378	0.100	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

Project:

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2.3 DESIGN BY SET OF MEMBERS

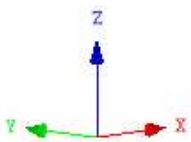
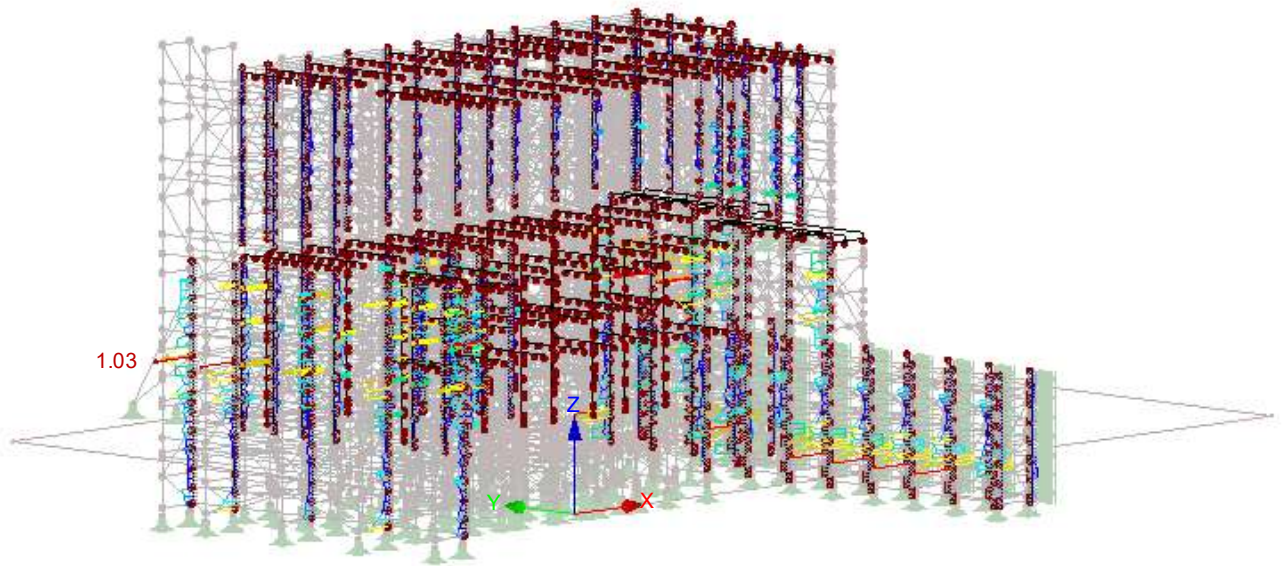
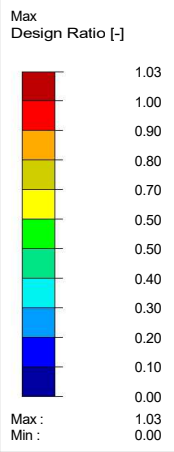
Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7378	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7378	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7378	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7378	0.100	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7378	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7378	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7377	0.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7378	0.100	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7378	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7378	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1098	Continuous Members 1098 (Member No. 6981,7379,7380)					
	6981	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7380	0.100	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7380	0.050	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7380	0.000	CO3	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7380	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7379	0.250	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7379	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7380	0.100	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7380	0.100	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7379	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7380	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7380	0.100	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1099	Continuous Members 1099 (Member No. 7381,7382)					
	7382	0.050	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7382	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7382	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7382	0.050	RC9	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7381	0.250	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7382	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7382	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7382	0.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7382	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7382	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7382	0.100	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1100	Continuous Members 1100 (Member No. 7043,7383,7384)					
	7043	0.100	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7384	0.100	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7384	0.050	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7384	0.050	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7384	0.050	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7383	0.250	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7383	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7384	0.100	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7384	0.050	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7384	0.100	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7384	0.100	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA1

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 1.03

RF-TIMBER Pro
CA2
Horizontal

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.1.1 GENERAL DATA

Members to design:	7061-7066,7068-7077,7079-7082,7094-7099,7101-7110,7112-7121,7123-7132,7134-7143,7145-7154,7156-7159,7161-7165,7167-7170,7172-7176,7178-7181,7183-7187,7189-7192,7194-7198,7200-7203,7205-7209,7211-7214,7216-7220,7222-7225,7227-7231,7233-7236,7238-7242,7244-7247,7249-7253,7255-7258,7615,7820,7821,7823-7837,7850-7856,7858-7867,7986-8003,8042-8050,8072-8080,8255-8263,8285-8293,8365,8367,8375-8377,8379,8380,8391,8392,8394-8408,8413,8417-8422,8430-8436,8439-8446,8448,8497-8500,8504,8506,8515-8521,8527-8529,9402,9414-9417,9420-9426,9429-9435,9438-9444,9485-9493,9540-9548,9553-9561,9616-9624,9638-9646,9681,9682,9684-9689,9696-9699,9701-9704,9751-9754,9756-9759,9796-9804,9811-9819,9866-9874,9916-9924,10039-10045,10072-10078,10105-10111,10120-10126,10131-10137,10142-10148,10153-10159,10164-10170,10175-10181,10186-10192,10201-10221,10223-10229,10233-10253,10256-10262,10265-10273,10306-10331,10422-10426,10525-10576,10612-10615,10617,10619-10622,10624,10626,10627,10629,10838,10640,10722-10724,10729-10731,10862-10864,10869-10871,10876-10878,10883-10885,11047-11055,11722-11739,11749-11757,11775-11791		
Design according to Standard:	EN 1995-1-1:2004/A2:2014		
Ultimate Limit State Design Result combinations to design:	RC1 RC9	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos x+	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

1.2 MATERIALS

Matl. No.	Description	Factor Category	Comment
2	Poplar and Softwood Timber C16 EN 338-16	Solid Timber	

T-Rectangle 50/200



1.3.1 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-section Description [mm]	Max Design Ratio	Comment
10	2	T-Rectangle 50/200	0.95	

1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
LC1	SW	Permanent	Permanent
LC2	LL	Imposed - Category A: domestic, residential areas	Permanent
LC3	LL + 10% y	Imposed - Category A: domestic, residential areas	Permanent
LC4	LL + 10% x	Imposed - Category A: domestic, residential areas	Permanent
CO1	1.35*LC1	-	Permanent
CO2	1.35*LC1 + 1.5*LC2	-	Permanent
CO3	1.35*LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO4	1.35*LC1 + 1.5*LC3	-	Permanent
CO5	1.35*LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO6	1.35*LC1 + 1.5*LC4	-	Permanent
CO7	LC1	-	Permanent
CO8	LC1 + 1.5*LC2	-	Permanent
CO9	LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO10	LC1 + 1.5*LC3	-	Permanent
CO11	LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO12	LC1 + 1.5*LC4	-	Permanent
CO13	LC1	-	Permanent
CO14	LC1 + LC2	-	Permanent
CO15	LC1 + LC2 + LC4	-	Permanent
CO16	LC1 + LC3	-	Permanent
CO17	LC1 + LC3 + LC4	-	Permanent
CO18	LC1 + LC4	-	Permanent
CO19	LC1	-	Permanent
CO20	LC1 + 0.5*LC2	-	Permanent
CO21	LC1 + 0.5*LC2 + 0.5*LC4	-	Permanent
CO22	LC1 + 0.5*LC3	-	Permanent
CO23	LC1 + 0.5*LC3 + 0.5*LC4	-	Permanent
CO24	LC1 + 0.5*LC4	-	Permanent
CO25	LC1	-	Permanent
CO26	LC1 + 0.3*LC2	-	Permanent
CO27	LC1 + 0.3*LC2 + 0.3*LC4	-	Permanent
CO28	LC1 + 0.3*LC3	-	Permanent
CO29	LC1 + 0.3*LC3 + 0.3*LC4	-	Permanent
CO30	LC1 + 0.3*LC4	-	Permanent
RC9	seismos x+	-	Permanent

Service Class SECL
Service Class 1: Identical for All Members/Sets of Members

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

■ 1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
7061	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7062	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7063	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7064	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7065	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7066	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7068	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7069	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7070	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7071	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7072	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7073	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7079	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7080	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7081	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7094	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7095	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7096	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7097	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7098	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7099	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7102	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7104	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7106	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7107	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7108	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7109	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7110	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7112	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7113	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7114	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7116	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7118	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7119	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7121	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7126	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7127	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7129	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7131	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7132	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7134	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7135	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7136	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7137	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7138	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7140	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7141	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7142	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7143	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7146	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7147	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7148	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7149	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7150	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7151	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7152	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7153	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7154	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7157	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7158	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7159	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7161	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7162	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7163	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7164	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7165	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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7168	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7169	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7170	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7172	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7173	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7174	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7175	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7176	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
7178	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7179	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7181	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7183	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7184	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7185	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7186	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7187	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7189	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7190	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7191	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7192	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7194	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7195	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7196	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7197	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7198	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7201	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7202	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7203	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7205	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7206	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7208	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7211	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7212	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7213	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7214	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7216	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7217	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7218	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7219	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7222	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7223	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7224	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7225	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7227	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7228	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7229	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7230	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7231	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7233	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7234	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7235	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7236	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7238	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7239	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7241	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7242	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7244	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7245	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7246	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7247	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7249	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7251	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7252	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
7253	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7257	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7615	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7820	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7821	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7823	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7824	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7825	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7826	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7827	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7828	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7829	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7832	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7833	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7834	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7835	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7836	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7837	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
7850	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7851	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7852	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7853	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7854	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7855	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7858	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7859	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
7860	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7861	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7862	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7863	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7864	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7865	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7867	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7988	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7989	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7990	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7991	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7993	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7994	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7996	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7998	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
7999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
8000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
8001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
8002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
8003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
8042	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8043	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8045	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8046	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8047	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8048	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8049	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8072	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8073	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8078	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8079	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8080	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
8255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8257	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8259	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8261	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8262	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8263	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
8285	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8286	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8287	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8288	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8289	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8290	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8291	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8292	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8293	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8365	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8367	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8376	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8377	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8379	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8380	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8391	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8392	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8394	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8395	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8396	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8397	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8398	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8399	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8401	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8404	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8405	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8406	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8407	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
8413	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8417	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8418	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8419	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8420	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8421	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8422	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8430	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
8431	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8433	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8435	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8436	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8439	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8441	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8442	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8443	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8444	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8445	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8446	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8448	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
8497	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8498	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8499	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8500	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8504	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8506	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8515	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8516	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8517	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8518	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8519	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8520	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8521	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
8529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9414	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9415	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9416	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9417	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9420	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9421	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
9422	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9423	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9424	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9425	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9426	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9429	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9430	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
9431	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9433	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9435	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9438	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9439	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
9440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9441	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9442	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9443	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9444	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9485	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9486	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9487	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9488	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9489	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9490	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9491	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9492	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9493	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
9540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9541	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9542	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9543	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9544	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9545	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9546	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9547	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9548	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9553	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.954	<input checked="" type="checkbox"/>	1.000	0.954	<input checked="" type="checkbox"/>	As member length	0.954
9554	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9555	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9616	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9617	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9618	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9619	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9620	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9621	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9622	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9623	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9624	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9638	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
9639	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9640	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9641	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9642	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9643	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9644	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9645	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9646	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9681	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9682	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9684	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9685	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9686	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9687	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9688	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9689	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	1.000	1.051	<input checked="" type="checkbox"/>	As member length	1.051
9696	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9697	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9698	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9699	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9701	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9702	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9703	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9704	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9751	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9752	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9753	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9754	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9757	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9758	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9759	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9796	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9797	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9798	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9799	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9800	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9801	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9802	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9803	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9804	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9811	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9812	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9813	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9814	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9815	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9816	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9817	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9818	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9819	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	1.000	0.952	<input checked="" type="checkbox"/>	As member length	0.952
9866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9867	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9868	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9869	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9870	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9871	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9872	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9873	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9874	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	1.000	0.775	<input checked="" type="checkbox"/>	As member length	0.775
9916	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9917	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9918	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9919	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9920	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9921	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9922	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9923	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
9924	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10039	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10040	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10041	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10042	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10043	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10044	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10045	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10072	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10073	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10074	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10075	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10078	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10106	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10107	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10108	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10109	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10110	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10111	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
10120	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10121	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10122	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10123	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10124	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

■ 1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
10257	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10259	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10261	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10262	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10265	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10266	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10267	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10268	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10269	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10270	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10273	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10309	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10314	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10316	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10323	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10331	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10424	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10425	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10426	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10525	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
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10533	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
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10536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10537	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10538	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
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10540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10541	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10542	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10543	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10544	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10545	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10546	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10547	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10548	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10549	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10550	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10551	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10552	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10553	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10554	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10555	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10562	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
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10565	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10566	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10567	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10568	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10569	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10570	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10571	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10572	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
10573	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10574	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10575	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10576	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10612	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10613	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	1.000	2.640	<input checked="" type="checkbox"/>	As member length	2.640
10614	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10615	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10617	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10619	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10622	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10624	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10626	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10627	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10629	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10638	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10723	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10729	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10730	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10731	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10862	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10863	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10864	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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10877	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10878	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10883	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10884	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10885	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11047	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11048	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11049	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11051	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11052	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11053	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11054	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11055	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11722	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11723	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11725	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11726	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11727	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11728	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11729	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11730	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11731	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11732	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11733	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11734	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11735	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11736	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11737	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11738	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11739	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11749	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11750	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11751	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11752	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11753	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11754	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11755	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11757	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11775	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11776	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11777	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11778	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11779	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11780	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11781	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11782	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	1.000	1.150	<input checked="" type="checkbox"/>	As member length	1.150
11783	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11784	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11785	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11786	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11787	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11788	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11789	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11790	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002
11791	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	1.000	0.002	<input checked="" type="checkbox"/>	As member length	0.002

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
1	Member	7050	<input type="checkbox"/>	0.550	y; z	0.0	0.0	Beam
2	Member	7051	<input type="checkbox"/>	0.079	y; z	0.0	0.0	Beam
3	Member	7052	<input type="checkbox"/>	1.239	y; z	0.0	0.0	Beam
4	Member	7053	<input type="checkbox"/>	0.095	y; z	0.0	0.0	Beam
5	Member	7054	<input type="checkbox"/>	1.130	y; z	0.0	0.0	Beam
6	Member	7055	<input type="checkbox"/>	0.305	y; z	0.0	0.0	Beam
7	Member	7057	<input type="checkbox"/>	0.130	y; z	0.0	0.0	Beam
8	Member	7058	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
9	Member	7059	<input type="checkbox"/>	0.330	y; z	0.0	0.0	Beam
10	Member	7060	<input type="checkbox"/>	0.065	y; z	0.0	0.0	Beam
11	Member	7061	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
12	Member	7062	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
13	Member	7063	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
14	Member	7064	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
15	Member	7065	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
16	Member	7066	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
17	Member	7068	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
18	Member	7069	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
19	Member	7070	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
20	Member	7071	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
21	Member	7072	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
22	Member	7073	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
23	Member	7074	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
24	Member	7075	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
25	Member	7076	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
26	Member	7077	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
27	Member	7079	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
28	Member	7080	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
29	Member	7081	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
30	Member	7082	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
31	Member	7087	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
32	Member	7094	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
33	Member	7095	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
34	Member	7096	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
35	Member	7097	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
36	Member	7098	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
37	Member	7099	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
38	Member	7101	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
39	Member	7102	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
40	Member	7103	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
41	Member	7104	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
42	Member	7105	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
43	Member	7106	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
44	Member	7107	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
45	Member	7108	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
46	Member	7109	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
47	Member	7110	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
48	Member	7112	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
49	Member	7113	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
50	Member	7114	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
51	Member	7115	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
52	Member	7116	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
53	Member	7117	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
54	Member	7118	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
55	Member	7119	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
56	Member	7120	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
57	Member	7121	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
58	Member	7123	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
59	Member	7124	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
60	Member	7125	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
61	Member	7126	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
62	Member	7127	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
63	Member	7128	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
64	Member	7129	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
65	Member	7130	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
66	Member	7131	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
67	Member	7132	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
68	Member	7134	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
69	Member	7135	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
70	Member	7136	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
71	Member	7137	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
72	Member	7138	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
73	Member	7139	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
74	Member	7140	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
75	Member	7141	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
76	Member	7142	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
77	Member	7143	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
78	Member	7145	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
79	Member	7146	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
80	Member	7147	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
81	Member	7148	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
82	Member	7149	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
83	Member	7150	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
84	Member	7151	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
85	Member	7152	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
86	Member	7153	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
87	Member	7154	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
88	Member	7156	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
89	Member	7157	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
90	Member	7158	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
91	Member	7159	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
92	Member	7162	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
93	Member	7163	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
94	Member	7164	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
95	Member	7165	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
96	Member	7167	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
97	Member	7168	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
98	Member	7169	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
99	Member	7170	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
100	Member	7173	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
101	Member	7174	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
102	Member	7175	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
103	Member	7176	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
104	Member	7178	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
105	Member	7179	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
106	Member	7180	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
107	Member	7181	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
108	Member	7184	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
109	Member	7185	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
110	Member	7186	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
111	Member	7187	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
112	Member	7189	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
113	Member	7190	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
114	Member	7191	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
115	Member	7192	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
116	Member	7195	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
117	Member	7196	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
118	Member	7197	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
119	Member	7198	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
120	Member	7200	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
121	Member	7201	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
122	Member	7202	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
123	Member	7203	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
124	Member	7206	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
125	Member	7207	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
126	Member	7208	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
127	Member	7209	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
128	Member	7211	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
129	Member	7212	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
130	Member	7213	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
131	Member	7214	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
132	Member	7217	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
133	Member	7218	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
134	Member	7219	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
135	Member	7220	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
136	Member	7222	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
137	Member	7223	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
138	Member	7224	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
139	Member	7225	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
140	Member	7228	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
141	Member	7229	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
142	Member	7230	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
143	Member	7231	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
144	Member	7233	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
145	Member	7234	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
146	Member	7235	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
147	Member	7236	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
148	Member	7239	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
149	Member	7240	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
150	Member	7241	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
151	Member	7242	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
152	Member	7244	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
153	Member	7245	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
154	Member	7246	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
155	Member	7247	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
156	Member	7250	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
157	Member	7251	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
158	Member	7252	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
159	Member	7253	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
160	Member	7255	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
161	Member	7256	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
162	Member	7257	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
163	Member	7258	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
164	Member	7819	<input type="checkbox"/>	0.330	y; z	0.0	0.0	Beam
165	Member	7820	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
166	Member	7821	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
167	Member	7823	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
168	Member	7824	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
169	Member	7825	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
170	Member	7826	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
171	Member	7827	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
172	Member	7828	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
173	Member	7829	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
174	Member	7830	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
175	Member	7831	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
176	Member	7832	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
177	Member	7833	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
178	Member	7834	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
179	Member	7835	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
180	Member	7836	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
181	Member	7837	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
182	Member	7849	<input type="checkbox"/>	1.239	y; z	0.0	0.0	Beam
183	Member	7850	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
184	Member	7851	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
185	Member	7852	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
186	Member	7853	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
187	Member	7854	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
188	Member	7855	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
189	Member	7856	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
190	Member	7858	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
191	Member	7859	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
192	Member	7860	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
193	Member	7861	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
194	Member	7862	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
195	Member	7863	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
196	Member	7864	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
197	Member	7865	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
198	Member	7866	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
199	Member	7867	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
200	Member	7985	<input type="checkbox"/>	0.065	y; z	0.0	0.0	Beam
201	Member	7986	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
202	Member	7987	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
203	Member	7988	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
204	Member	7989	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
205	Member	7990	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
206	Member	7991	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
207	Member	7992	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
208	Member	7993	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
209	Member	7994	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
210	Member	7995	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
211	Member	7996	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
212	Member	7997	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
213	Member	7998	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
214	Member	7999	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
215	Member	8000	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
216	Member	8001	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
217	Member	8002	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
218	Member	8003	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
219	Member	8042	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
220	Member	8043	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
221	Member	8044	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
222	Member	8045	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
223	Member	8046	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
224	Member	8047	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
225	Member	8048	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
226	Member	8049	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
227	Member	8050	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
228	Member	8072	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
229	Member	8073	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
230	Member	8074	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
231	Member	8075	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
232	Member	8076	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
233	Member	8077	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
234	Member	8078	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
235	Member	8079	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
236	Member	8080	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
237	Member	8208	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
238	Member	8209	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
239	Member	8210	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
240	Member	8211	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
241	Member	8212	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
242	Member	8213	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
243	Member	8214	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
244	Member	8215	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
245	Member	8216	<input type="checkbox"/>	1.150	y; z	0.0	0.0	Beam
246	Member	8255	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
247	Member	8256	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
248	Member	8257	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
249	Member	8258	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
250	Member	8259	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
251	Member	8260	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
252	Member	8261	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
253	Member	8262	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
254	Member	8263	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
255	Member	8285	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
256	Member	8286	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
257	Member	8287	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
258	Member	8288	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
259	Member	8289	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
260	Member	8290	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
261	Member	8291	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
262	Member	8292	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
263	Member	8293	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
264	Member	8365	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
265	Member	8367	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
266	Member	8375	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
267	Member	8376	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
268	Member	8377	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
269	Member	8379	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
270	Member	8380	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
271	Member	8390	<input type="checkbox"/>	1.239	y; z	0.0	0.0	Beam
272	Member	8391	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
273	Member	8392	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
274	Member	8393	<input type="checkbox"/>	0.352	y; z	0.0	0.0	Beam
275	Member	8394	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
276	Member	8395	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
277	Member	8396	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
278	Member	8397	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
279	Member	8398	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
280	Member	8399	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
281	Member	8400	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
282	Member	8401	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
283	Member	8402	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
284	Member	8403	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
285	Member	8404	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
286	Member	8405	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
287	Member	8406	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
288	Member	8407	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
289	Member	8408	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
290	Member	8413	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
291	Member	8417	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
292	Member	8418	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
293	Member	8419	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
294	Member	8420	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
295	Member	8421	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
296	Member	8422	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
297	Member	8430	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
298	Member	8431	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
299	Member	8432	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
300	Member	8433	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
301	Member	8434	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
302	Member	8435	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
303	Member	8436	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
304	Member	8439	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
305	Member	8440	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
306	Member	8441	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
307	Member	8442	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
308	Member	8443	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
309	Member	8444	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
310	Member	8445	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
311	Member	8446	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
312	Member	8448	<input type="checkbox"/>	0.002	y; z	0.0	0.0	Beam
313	Member	8497	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
314	Member	8498	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
315	Member	8499	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
316	Member	8500	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
317	Member	8504	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
318	Member	8506	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
319	Member	8515	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
320	Member	8516	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
321	Member	8517	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
322	Member	8518	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
323	Member	8519	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
324	Member	8520	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
325	Member	8521	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
326	Member	8527	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
327	Member	8528	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
328	Member	8529	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
329	Member	9414	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
330	Member	9415	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
331	Member	9416	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
332	Member	9417	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
333	Member	9420	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
334	Member	9421	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
335	Member	9422	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
336	Member	9423	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
337	Member	9424	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
338	Member	9425	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
339	Member	9426	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
340	Member	9429	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
341	Member	9430	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
342	Member	9431	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
343	Member	9432	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
344	Member	9433	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
345	Member	9434	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
346	Member	9435	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
347	Member	9438	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
348	Member	9439	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
349	Member	9440	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
350	Member	9441	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
351	Member	9442	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
352	Member	9443	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
353	Member	9444	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
354	Member	9485	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
355	Member	9486	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
356	Member	9487	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
357	Member	9488	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
358	Member	9489	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
359	Member	9490	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
360	Member	9491	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
361	Member	9492	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
362	Member	9493	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
363	Member	9540	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
364	Member	9541	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
365	Member	9542	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
366	Member	9543	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
367	Member	9544	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
368	Member	9545	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
369	Member	9546	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
370	Member	9547	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
371	Member	9548	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
372	Member	9553	<input type="checkbox"/>	0.954	y; z	0.0	0.0	Beam
373	Member	9554	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
374	Member	9555	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
375	Member	9556	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
376	Member	9557	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
377	Member	9558	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
378	Member	9559	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
379	Member	9560	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
380	Member	9561	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
381	Member	9616	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
382	Member	9617	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
383	Member	9618	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
384	Member	9619	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
385	Member	9620	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
386	Member	9621	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
387	Member	9622	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
388	Member	9623	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
389	Member	9624	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
390	Member	9638	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
391	Member	9639	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
392	Member	9640	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
393	Member	9641	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
394	Member	9642	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
395	Member	9643	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
396	Member	9644	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
397	Member	9645	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
398	Member	9646	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
399	Member	9680	<input type="checkbox"/>	0.028	y; z	0.0	0.0	Beam
400	Member	9681	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
401	Member	9682	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
402	Member	9684	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
403	Member	9685	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
404	Member	9686	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
405	Member	9687	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
406	Member	9688	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
407	Member	9689	<input type="checkbox"/>	1.051	y; z	0.0	0.0	Beam
408	Member	9695	<input type="checkbox"/>	0.028	y; z	0.0	0.0	Beam
409	Member	9696	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
410	Member	9697	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
411	Member	9698	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
412	Member	9699	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
413	Member	9701	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
414	Member	9702	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
415	Member	9703	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
416	Member	9704	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
417	Member	9750	<input type="checkbox"/>	0.065	y; z	0.0	0.0	Beam
418	Member	9751	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
419	Member	9752	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
420	Member	9753	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
421	Member	9754	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
422	Member	9756	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
423	Member	9757	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
424	Member	9758	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
425	Member	9759	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
426	Member	9795	<input type="checkbox"/>	1.239	y; z	0.0	0.0	Beam
427	Member	9796	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
428	Member	9797	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
429	Member	9798	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
430	Member	9799	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
431	Member	9800	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
432	Member	9801	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
433	Member	9802	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
434	Member	9803	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
435	Member	9804	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
436	Member	9810	<input type="checkbox"/>	1.130	y; z	0.0	0.0	Beam
437	Member	9811	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
438	Member	9812	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
439	Member	9813	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
440	Member	9814	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
441	Member	9815	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
442	Member	9816	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
443	Member	9817	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
444	Member	9818	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
445	Member	9819	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
446	Member	9865	<input type="checkbox"/>	0.065	y; z	0.0	0.0	Beam
447	Member	9866	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
448	Member	9867	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
449	Member	9868	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
450	Member	9869	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
451	Member	9870	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
452	Member	9871	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
453	Member	9872	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
454	Member	9873	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
455	Member	9874	<input type="checkbox"/>	0.775	y; z	0.0	0.0	Beam
456	Member	9915	<input type="checkbox"/>	1.272	y; z	0.0	0.0	Beam
457	Member	9916	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
458	Member	9917	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
459	Member	9918	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
460	Member	9919	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
461	Member	9920	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
462	Member	9921	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
463	Member	9922	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
464	Member	9923	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
465	Member	9924	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
466	Member	10039	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
467	Member	10040	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
468	Member	10041	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
469	Member	10042	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
470	Member	10043	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
471	Member	10044	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
472	Member	10045	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
473	Member	10072	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
474	Member	10073	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
475	Member	10074	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
476	Member	10075	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
477	Member	10076	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
478	Member	10077	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
479	Member	10078	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
480	Member	10105	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
481	Member	10106	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
482	Member	10107	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
483	Member	10108	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
484	Member	10109	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
485	Member	10110	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
486	Member	10111	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
487	Member	10120	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
488	Member	10121	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
489	Member	10122	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
490	Member	10123	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
491	Member	10124	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
492	Member	10125	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
493	Member	10126	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
494	Member	10131	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
495	Member	10132	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
496	Member	10133	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
497	Member	10134	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
498	Member	10135	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
499	Member	10136	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
500	Member	10137	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
501	Member	10142	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
502	Member	10143	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
503	Member	10144	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
504	Member	10145	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
505	Member	10146	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
506	Member	10147	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
507	Member	10148	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
508	Member	10153	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
509	Member	10154	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
510	Member	10155	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
511	Member	10156	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
512	Member	10157	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
513	Member	10158	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
514	Member	10159	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
515	Member	10164	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
516	Member	10165	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
517	Member	10166	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
518	Member	10167	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
519	Member	10168	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
520	Member	10169	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
521	Member	10170	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
522	Member	10175	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
523	Member	10176	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
524	Member	10177	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
525	Member	10178	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
526	Member	10179	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
527	Member	10180	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
528	Member	10181	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
529	Member	10186	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
530	Member	10187	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
531	Member	10188	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
532	Member	10189	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
533	Member	10190	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
534	Member	10191	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
535	Member	10192	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
536	Member	10201	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
537	Member	10202	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
538	Member	10203	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
539	Member	10204	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
540	Member	10205	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
541	Member	10206	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
542	Member	10207	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
543	Member	10208	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
544	Member	10209	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
545	Member	10210	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
546	Member	10211	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
547	Member	10212	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
548	Member	10213	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
549	Member	10214	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
550	Member	10215	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
551	Member	10216	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
552	Member	10217	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
553	Member	10218	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
554	Member	10219	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
555	Member	10220	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
556	Member	10221	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
557	Member	10223	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
558	Member	10224	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
559	Member	10225	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
560	Member	10226	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
561	Member	10227	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
562	Member	10228	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
563	Member	10229	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
564	Member	10233	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date:

4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
565	Member	10234	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
566	Member	10235	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
567	Member	10236	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
568	Member	10237	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
569	Member	10238	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
570	Member	10239	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
571	Member	10240	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
572	Member	10241	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
573	Member	10242	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
574	Member	10243	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
575	Member	10244	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
576	Member	10245	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
577	Member	10246	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
578	Member	10247	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
579	Member	10248	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
580	Member	10249	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
581	Member	10250	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
582	Member	10251	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
583	Member	10252	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
584	Member	10253	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
585	Member	10256	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
586	Member	10257	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
587	Member	10258	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
588	Member	10259	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
589	Member	10260	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
590	Member	10261	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
591	Member	10262	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
592	Member	10265	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
593	Member	10266	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
594	Member	10267	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
595	Member	10268	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
596	Member	10269	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
597	Member	10270	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
598	Member	10271	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
599	Member	10272	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
600	Member	10273	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
601	Member	10306	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
602	Member	10307	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
603	Member	10308	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
604	Member	10309	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
605	Member	10310	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
606	Member	10311	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
607	Member	10312	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
608	Member	10313	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
609	Member	10314	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
610	Member	10315	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
611	Member	10316	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
612	Member	10317	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
613	Member	10318	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
614	Member	10319	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
615	Member	10320	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
616	Member	10321	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
617	Member	10322	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
618	Member	10323	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
619	Member	10324	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
620	Member	10325	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
621	Member	10326	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
622	Member	10327	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
623	Member	10328	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
624	Member	10329	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
625	Member	10330	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
626	Member	10331	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
627	Member	10422	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
628	Member	10423	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
629	Member	10424	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
630	Member	10425	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
631	Member	10426	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
632	Member	10525	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
633	Member	10526	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
634	Member	10527	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
635	Member	10528	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
636	Member	10529	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
637	Member	10530	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
638	Member	10531	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
639	Member	10532	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
640	Member	10533	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
641	Member	10534	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
642	Member	10535	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
643	Member	10536	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
644	Member	10537	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
645	Member	10538	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
646	Member	10539	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
647	Member	10540	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
648	Member	10541	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
649	Member	10542	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
650	Member	10543	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
651	Member	10544	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
652	Member	10545	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
653	Member	10546	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
654	Member	10547	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
655	Member	10548	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
656	Member	10549	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
657	Member	10550	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
658	Member	10551	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

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1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
659	Member	10552	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
660	Member	10553	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
661	Member	10554	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
662	Member	10555	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
663	Member	10556	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
664	Member	10557	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
665	Member	10558	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
666	Member	10559	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
667	Member	10560	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
668	Member	10561	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
669	Member	10562	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
670	Member	10563	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
671	Member	10564	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
672	Member	10565	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
673	Member	10566	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
674	Member	10567	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
675	Member	10568	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
676	Member	10569	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
677	Member	10570	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
678	Member	10571	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
679	Member	10572	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
680	Member	10573	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
681	Member	10574	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
682	Member	10575	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
683	Member	10576	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
684	Member	10612	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
685	Member	10613	<input type="checkbox"/>	2.640	y; z	0.0	0.0	Beam
686	Member	10614	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
687	Member	10615	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
688	Member	10617	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
689	Member	10619	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
690	Member	10620	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
691	Member	10621	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
692	Member	10622	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
693	Member	10624	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
694	Member	10626	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
695	Member	10627	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
696	Member	10629	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
697	Member	10638	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
698	Member	10640	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
699	Member	10722	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
700	Member	10723	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
701	Member	10724	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
702	Member	10729	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
703	Member	10730	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
704	Member	10731	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
705	Member	10862	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
706	Member	10863	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
707	Member	10864	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
708	Member	10869	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
709	Member	10870	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
710	Member	10871	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
711	Member	10876	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
712	Member	10877	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
713	Member	10878	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
714	Member	10883	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
715	Member	10884	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
716	Member	10885	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7061	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
1.500	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.02 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7062	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7063	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO18	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7064	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7065	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7066	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7068	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7069	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7070	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7071	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
7072	0.479	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.500	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC9	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7073	Cross-section No. 10 - T-Rectangle 50/200					
		1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.000		RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000		RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.500		RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.500		RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
1.500		RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000		RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.500		RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.500		RC9	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.000		RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.500		RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
7074	Cross-section No. 10 - T-Rectangle 50/200						
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1.500	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7075	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7076	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7077	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7079	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7080	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7081	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7082	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.479	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7094	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO4	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO5	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7095	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO11	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO5	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO11	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7096	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7097	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7098	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7099	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7101	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.00 ≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7102	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7103	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.375	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7104	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7105	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7106	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7107	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7108	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7109	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7110	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7112	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7113	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7114	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7115	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7116	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7117	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7118	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7119	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7120	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7121	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7123	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7124	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7125	Cross-section No. 10 - T-Rectangle 50/200			
	1.125	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.375	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.375	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7126	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.958	CO8	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7127	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7128	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7129	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.03	≤ 1	163)	tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7130	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7131	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7132	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7134	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7135	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7136	Cross-section No. 10 - T-Rectangle 50/200				
		1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7137	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.958	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.479	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.958	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.479	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.479	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7138	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	CO9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7139	Cross-section No. 10 - T-Rectangle 50/200					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7140	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7141	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7142	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7143	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7145	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7146	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7147	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7148	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.479	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.958	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.958	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.479	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.958	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.958	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.958	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.958	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.958	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.958	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.479	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.479	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.479	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7149	Cross-section No. 10 - T-Rectangle 50/200				
		0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.500		RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
1.500		RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.000		RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.000		RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.000		RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.500		RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.500		RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.500		RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.500		RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.500		RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500		CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000		CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000		CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7150		Cross-section No. 10 - T-Rectangle 50/200				
		1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
7151	0.500	CO27	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.500	CO17	0.02	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO29	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7152	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7153	Cross-section No. 10 - T-Rectangle 50/200				
0.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7154	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7156	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7157	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7158	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7159	Cross-section No. 10 - T-Rectangle 50/200					
	0.958	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7161	Cross-section No. 10 - T-Rectangle 50/200					

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
7162	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7163	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO11	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.23 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.960	RC9	0.06 ≤ 1	341)	Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.480	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations	
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
7164	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
7165	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.500	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	CO12	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7167	Cross-section No. 10 - T-Rectangle 50/200				
		1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
1.000		RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000		RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.000		RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		CO1	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.000		RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
1.500		CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000		RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.000		RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.000		RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.500		RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1.000		RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000		CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500		CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500		CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7168		Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.500	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO8	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7169	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7170	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO12	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.29 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.958	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7172	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.04	≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7173	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7174	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7175	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7176	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
7178	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7179	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7180	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7181	Cross-section No. 10 - T-Rectangle 50/200					
	0.958	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.479	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7183	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
7184	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7185	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7186	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
7187	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7189	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7190	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7191	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7192	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7194	Cross-section No. 10 - T-Rectangle 50/200				
0.000		CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.960		RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.480		RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.480		RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.480		RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.960		CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
7195	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO4	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO4	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7196	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.960	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7197	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7198	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7200	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7201	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.500	CO15	0.01 ≤ 1	406)	
	0.500	CO27	0.00 ≤ 1	407)	
7202	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7203	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.958	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7205	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
7206	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO11	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7207	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7208	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7209	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO14	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7211	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO12	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7212	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO3	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7213	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.10 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7214	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7216	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7217	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7218	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO2	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7219	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7220	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7222	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO6	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7223	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO10	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7224	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7225	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7227	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7228	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7229	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO11	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7230	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7231	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7233	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7234	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC9	0.03	≤ 1	173)	compression acc. to 6.2.4
	1.500	RC9	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.04	≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7235	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7236	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.479	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.958	RC9	0.11	≤ 1	333)	Buckling about both axes
	0.958	RC9	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.479	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.479	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7238	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7239	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7240	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO1	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7241	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7242	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7244	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7245	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7246	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.02 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7247	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7249	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7250	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7251	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO8	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7252	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
7253	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7255	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
7256	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7257	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7258	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO3	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC9	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.958	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.479	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.479	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7615 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.958	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.479	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.958	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.958	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	7820 Cross-section No. 10 - T-Rectangle 50/200					
		0.350	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.350	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.000		RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.701		RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.701		RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.051		CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.051		CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.350		RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000		RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.051		RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.051		RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.701		CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.701		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.701		CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.701		CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7821 Cross-section No. 10 - T-Rectangle 50/200						
	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.350	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.051	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.701	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.051	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.701	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.350	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.051	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.051	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.350	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7823 Cross-section No. 10 - T-Rectangle 50/200					
	0.701	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.350	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7824	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.701	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7825	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.701	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
7826	0.350	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	0.701	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.350	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.701	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.051	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.051	CO9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.350	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.051	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.051	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.701	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.701	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
7827	Cross-section No. 10 - T-Rectangle 50/200						
	1.051	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.051	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.051	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.051	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.350	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.701	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7828	Cross-section No. 10 - T-Rectangle 50/200					
		0.701	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.350		RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.051		RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.701		CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.701		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.701		CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.701		CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7829		Cross-section No. 10 - T-Rectangle 50/200					
	0.350	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.701	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.051	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.350	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	RC9	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC9	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.701	RC9	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.23	≤ 1	173)	compression acc. to 6.2.4
	1.051	RC9	0.03	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.701	RC9	0.16	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.25	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.701	CO14	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7830	Cross-section No. 10 - T-Rectangle 50/200					
	1.051	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	RC9	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7831	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7832	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	RC9	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.701	CO2	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC9	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.02 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO9	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	CO11	0.02 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO3	0.01 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.29 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.27 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.30 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.350	CO17	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO29	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.350	CO26	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7833	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO1	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO4	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO8	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.05 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.21 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.05 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.23 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.350	CO16	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.701	CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7834	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO5	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.03 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	RC9	0.04 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC9	0.08 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.23 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.05 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO2	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.26 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.25 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7835	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7836	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7837	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.701	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO11	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.350	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.350	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.701	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.701	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7850	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7851	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7852	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7853	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7854	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7855	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7856	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7858	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7859	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.36 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.384	RC9	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.37 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.384	RC9	0.48 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7860	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7861	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.768	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7862	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7863	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.39 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.19 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7864	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO18	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7865	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7866	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.384	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7867	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO12	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7986	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7987	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7988	0.768	CO17	0.00 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
7989	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
7990	0.768	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
7991	1.152	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7991	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.768	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.152	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.152	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7992	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7993	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7994	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7995	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.384	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC9	0.18	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.39	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.19	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.768	RC9	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.19	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7996	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.384	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7997	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7998	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.02 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7999	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.768	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8000	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8001	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
8002	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.03 ≤ 1	111)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.384	RC9	0.02 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.08 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.08 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8003	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.03 ≤ 1	311)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8042	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.15 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	CO10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.16 ≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.32 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.350	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.05 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.350	RC9	0.32 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC9	0.03 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.701	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations	
				401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
8043	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	0.701	CO16	0.00 ≤ 1	406)		
	0.701	CO28	0.00 ≤ 1	407)		
	Cross-section No. 10 - T-Rectangle 50/200					
	0.350	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.701	RC9	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.051	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.051	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.051	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.051	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.051	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.051	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.051	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.701	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.701	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8044	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.701	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.701	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.051	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.051	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.701	RC9	0.19 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.051	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.701	RC9	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.051	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.051	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.701	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
8045	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.701	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.701	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.701	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.701	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.051	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.051	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.701	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.051	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.701	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8046	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.051	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.22 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8047	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.350	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.22 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC9	0.26 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.350	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8048	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8049	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.051	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8050	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
8072	Cross-section No. 10 - T-Rectangle 50/200					
	0.767	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.767	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.51	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.383	RC9	0.52	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.383	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.383	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.383	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8073	Cross-section No. 10 - T-Rectangle 50/200					
	1.150	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.16	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.767	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.767	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.383	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8074	Cross-section No. 10 - T-Rectangle 50/200				
0.767		CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		RC9	0.14	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.767		RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.000		CO3	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.150		CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.150		RC9	0.35	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
1.150		RC9	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1.150		RC9	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
1.150		RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.767		CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.767		CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.767		CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.767		CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8075	Cross-section No. 10 - T-Rectangle 50/200					
	0.767	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.13	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.383	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.767	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.767	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8076	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.383	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.383	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.28 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.26 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.150	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.383	RC9	0.28 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.383	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.383	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.767	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.767	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8077	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.767	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.383	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.383	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.383	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
8078	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.150	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.150	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.767	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.767	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.767	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8079	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.767	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.383	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.383	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8080	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.383	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.767	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.383	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.383	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8255	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.701	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.051	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8256	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8257	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8258	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.701	CO4	0.01	≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC9	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8259	Cross-section No. 10 - T-Rectangle 50/200					
	0.350	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	CO10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC9	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8260	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.350	CO5	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.051	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8261	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.051	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8262	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.350	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.701	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.701	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
8263	Cross-section No. 10 - T-Rectangle 50/200					
	1.051	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8285	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.25	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	CO3	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8286	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.21	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	CO9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8287	Cross-section No. 10 - T-Rectangle 50/200				
0.000		RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		RC9	0.15	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.002		CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.002		CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.002		RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.002		RC9	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.002		RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		RC9	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8288		Cross-section No. 10 - T-Rectangle 50/200				
	0.001	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
					6.1.6
	0.002	CO10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.002	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8289	Cross-section No. 10 - T-Rectangle 50/200				
	0.001	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.002	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8290	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8291	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8292	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
8293	0.002	RC9	0.05 ≤ 1	333)	about y-axis	
	0.000	RC9	0.00 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02 ≤ 1	111)	Serviceability - Negligible deformations	
	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.002	RC9	0.01 ≤ 1	152)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.002	RC9	0.03 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.01 ≤ 1	311)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
8365	Cross-section No. 10 - T-Rectangle 50/200					
	1.125	CO1	0.00 ≤ 1	100)	Serviceability - Negligible deformations	
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Negligible internal forces	
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.750	CO8	0.01 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	RC9	0.10 ≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.750	RC9	0.02 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.750	RC9	0.01 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.750	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1.500	RC9	0.17 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.500	RC9	0.13 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.750	RC9	0.03 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.750	RC9	0.02 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC9	0.18 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC9	0.04 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.375	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations	
	0.375	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.125	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	8367	Cross-section No. 10 - T-Rectangle 50/200				
		0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8375	Cross-section No. 10 - T-Rectangle 50/200				
		0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
		0.500	CO2	0.00 ≤ 1	100)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.500		RC9	0.10 ≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.000		RC9	0.01 ≤ 1	112)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000		RC9	0.00 ≤ 1	121)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
1.500		CO8	0.01 ≤ 1	151)	Cross-section resistance - Negligible internal forces	
1.500		CO4	0.03 ≤ 1	152)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.500		RC9	0.25 ≤ 1	153)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.500		RC9	0.24 ≤ 1	163)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.500	RC9	0.20 ≤ 1	311)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
0.000	CO13	0.00 ≤ 1	400)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
1.000	CO17	0.00 ≤ 1	401)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
1.000	CO29	0.00 ≤ 1	402)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3		
0.500	CO17	0.01 ≤ 1	406)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3		
0.500	CO29	0.00 ≤ 1	407)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
8376	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00 ≤ 1	100)	Serviceability - Negligible deformations	
	1.000	CO9	0.00 ≤ 1	101)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.000	RC9	0.07 ≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
0.000	RC9	0.07 ≤ 1	111)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
0.000	RC9	0.07 ≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8377	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8379	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8380	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	RC9	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO12	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC9	0.71 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	RC9	0.66 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.315	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.69 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8391	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8392	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8394	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8395	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8396	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.600	RC9	0.00	≤ 1	153)	6.1.6
	0.600	CO1	0.00	≤ 1	311)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations
8397	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8398	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8399	Cross-section No. 10 - T-Rectangle 50/200				
0.300		RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.600		CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.600		CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.300		RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.600		CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8400		Cross-section No. 10 - T-Rectangle 50/200				
	0.300	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8401	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8402	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8403	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8404	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8405	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
8406	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8407	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8408	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8413	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.375	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8417	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8418	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8419	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8420	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8421	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8422	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.629	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8430	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8431	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8432	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8433	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8434	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8435	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8436	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8439	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.375	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.18 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.375	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
8440	Cross-section No. 10 - T-Rectangle 50/200					
	0.002	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8441	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8442	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8443	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
8444	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8445	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8446	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8448	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8497	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8498	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.22 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8499	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO13	0.00	≤ 1	400)	about y-axis
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8500	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO4	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.10	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8504	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO5	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO12	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.44	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.17	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8506	Cross-section No. 10 - T-Rectangle 50/200					
	0.315	CO5	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	RC9	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO12	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC9	0.57	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.629	RC9	0.54	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.629	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8515	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.375	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.26 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8516	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8517	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.26 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.26 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8518	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.07 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8519	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8520	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	
8521	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2 Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.629	RC9	0.12	≤ 1	111)	
	0.000	RC9	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC9	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC9	0.49	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC9	0.46	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.629	RC9	0.48	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8527	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	111)	
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8528	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8529	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	101)	
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9402	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.600	CO1	0.00	≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	RC9	0.00	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
9414	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9415	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9416	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.01	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9417	Cross-section No. 10 - T-Rectangle 50/200					
	0.315	RC9	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.315	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9420	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9421	Cross-section No. 10 - T-Rectangle 50/200					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
9422	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Serviceability - Negligible deformations	
	0.000	CO13	0.00 ≤ 1	400)		
	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	111)		
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
9423	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9424	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.500	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.500	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
9425	Cross-section No. 10 - T-Rectangle 50/200					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9426	Cross-section No. 10 - T-Rectangle 50/200				
	0.629	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9429	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9430	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
9431	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9432	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9433	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9434	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9435	Cross-section No. 10 - T-Rectangle 50/200					
	0.629	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9438	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.23	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.375	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.48	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.47	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9439	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9440	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9441	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9442	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC9	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9443	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.05	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.02 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9444	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.315	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.31 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.629	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.33 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9485	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
9486	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
9487	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9488	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9489	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9490	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9491	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9492	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9493	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9540	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.31	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.51	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.34	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.34	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.52	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.08 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.02 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9541	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO5	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.31 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.768	RC9	0.28 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.768	RC9	0.32 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.57 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9542	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO11	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC9	0.30 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.51 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.28 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.31 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9543	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.58 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.22 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.59 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9544	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9545	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.51 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.11 ≤ 1	341)	Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9546	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9547	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.384	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.384	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9548	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9553	Cross-section No. 10 - T-Rectangle 50/200				
	0.954	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.477	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.477	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.954	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.477	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.477	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.477	CO4	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.50 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.954	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.50 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.954	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.477	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.477	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.477	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.477	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9554	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.68 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.62 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.67 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9555	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.64 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.58 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.27 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.63 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9556	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO12	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.45 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.59 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.59 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9557	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.476	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.476	CO27	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.476	CO16	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.476	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9558	Cross-section No. 10 - T-Rectangle 50/200					
	0.476	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.952	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.952	CO5	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.47	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.476	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.42	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.476	RC9	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.47	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9559	Cross-section No. 10 - T-Rectangle 50/200					
	0.952	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9560	Cross-section No. 10 - T-Rectangle 50/200					
	0.476	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.24	≤ 1	162)	Cross-section resistance - Biaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.952	RC9	0.05 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9561	Cross-section No. 10 - T-Rectangle 50/200				
	0.952	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.952	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.476	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.476	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.476	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9616	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO4	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.775	CO5	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	CO5	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	CO5	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.388	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.13 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.03 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9617	Cross-section No. 10 - T-Rectangle 50/200				
	0.388	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	RC9	0.35 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.388	RC9	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.388	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC9	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.388	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.10 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.03 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9618	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.775	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.388	RC9	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC9	0.23 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.06 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9619	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	RC9	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC9	0.24 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC9	0.45 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
9620	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.388	RC9	0.03 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.388	RC9	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.08 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO2	0.00 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	RC9	0.27 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.37 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.388	RC9	0.24 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC9	0.34 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC9	0.14 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.388	RC9	0.26 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.37 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.04 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.388	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.388	CO28	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.388	CO17	0.05 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.388	CO29	0.01 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9621	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.775	CO3	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.10 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO2	0.00 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.388	RC9	0.22 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	CO3	0.05 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.39 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.34 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC9	0.37 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.388	CO18	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.04 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9622	Cross-section No. 10 - T-Rectangle 50/200				
	0.388	RC9	0.02 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.388	RC9	0.10 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	RC9	0.13 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.37 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.36 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC9	0.09 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.775	RC9	0.37	≤ 1	333)	about y-axis Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9623	Cross-section No. 10 - T-Rectangle 50/200					
	0.388	CO12	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	CO12	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC9	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9624	Cross-section No. 10 - T-Rectangle 50/200					
	0.388	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.775	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	CO11	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC9	0.33	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9638	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.27	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO12	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO4	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.56 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.31 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.63 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.17 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9639	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.52 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.48 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.27 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9640	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.49 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC9	0.19 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.52 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.31 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9641	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.52 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC9	0.20 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.24 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.33 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO18	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9642	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.384	RC9	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.27 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9643	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.384	RC9	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.384	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.25 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.384	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
9644	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	
	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9645	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9646	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9681	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.701	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.051	RC9	0.04	≤ 1	173)	compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC9	0.02	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.05	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9682	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9684	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9685	Cross-section No. 10 - T-Rectangle 50/200					
	0.350	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.051	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9686	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.701	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9687	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9688	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9689	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.051	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.051	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9696	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9697	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9698	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9699	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9701	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO8	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.768	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.768	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9702	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9703	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9704	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9751	Cross-section No. 10 - T-Rectangle 50/200			
	0.384	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9752	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9753	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9754	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9756	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9757	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9758	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	1.152	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.152	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9759	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.152	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.384	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.152	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.152	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	9796	Cross-section No. 10 - T-Rectangle 50/200				
0.384		CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000		CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO5	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152		CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.152		RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO5	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		CO4	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		CO4	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.768		CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768		CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384		CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9797		Cross-section No. 10 - T-Rectangle 50/200				
	0.768	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO5	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.384	CO10	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO4	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO5	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.152	CO5	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO4	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	9798	Cross-section No. 10 - T-Rectangle 50/200				
		0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.384		RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO5	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152		CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.152		CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.384		RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.768	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO4	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9799	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9800	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
9801	0.384	CO16	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.384	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
9802	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.768	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
9803	0.000	CO5	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.000	CO5	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152	CO10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.152	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.768	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
9804	0.000	CO5	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
0.384	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.384	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000	CO5	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.768	CO10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.152	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.384	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
9804	0.000	CO5	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO4	0.06 ≤ 1	173)	compression acc. to 6.2.4
	0.000	CO5	0.05 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.768	RC9	0.03 ≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO4	0.06 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9811	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO4	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9812	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO4	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO5	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.952	CO10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9813	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO4	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO4	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9814	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.952	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.476	RC9	0.01	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9815	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	CO4	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO4	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO5	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.952	CO4	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO4	0.21	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9816	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO11	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO4	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO4	0.19	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9817	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO4	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO4	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
9818	Cross-section No. 10 - T-Rectangle 50/200					
	0.476	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO5	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO4	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO4	0.15	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9819	Cross-section No. 10 - T-Rectangle 50/200					
	0.952	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.476	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.476	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9866	Cross-section No. 10 - T-Rectangle 50/200					
	0.775	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.775	CO10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	CO10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.388	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.388	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9867	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.388	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9868	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.775	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO5	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.775	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	CO11	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9869	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.388	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.775	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9870	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.22 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9871	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO5	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO4	0.00	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.388	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.18	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9872	Cross-section No. 10 - T-Rectangle 50/200					
	0.775	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO5	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.388	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9873	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO5	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9874	Cross-section No. 10 - T-Rectangle 50/200					
	0.388	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.388	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC9	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.775	RC9	0.08	≤ 1	333)	Buckling about both axes
	0.775	CO4	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.388	CO16	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.388	CO28	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.03	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9916	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9917	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9918	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Biaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO5	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9919	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9920	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO27	0.00 ≤ 1	402)		
9921	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.152	CO1	0.01 ≤ 1	111)		
	1.152	CO1	0.01 ≤ 1	151)		
	1.152	RC9	0.02 ≤ 1	153)		
	1.152	CO1	0.01 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.768	CO14	0.00 ≤ 1	401)		
	0.768	CO28	0.00 ≤ 1	402)		
9922	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00 ≤ 1	100)		Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.152	CO1	0.01 ≤ 1	111)		
	1.152	CO1	0.01 ≤ 1	151)		
	1.152	RC9	0.02 ≤ 1	153)		
	1.152	CO1	0.01 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.768	CO16	0.00 ≤ 1	401)		
	0.768	CO25	0.00 ≤ 1	402)		
9923	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.152	CO1	0.01 ≤ 1	111)		
	1.152	CO1	0.01 ≤ 1	151)		
	1.152	RC9	0.02 ≤ 1	153)		
	1.152	CO1	0.01 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.768	CO13	0.00 ≤ 1	401)		
	0.768	CO29	0.00 ≤ 1	402)		
9924	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00 ≤ 1	100)		Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.152	CO1	0.01 ≤ 1	111)		
	1.152	CO1	0.01 ≤ 1	151)		
	1.152	RC9	0.02 ≤ 1	153)		
	1.152	CO1	0.01 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.768	CO18	0.00 ≤ 1	401)		
	0.768	CO28	0.00 ≤ 1	402)		
10039	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.000	RC9	0.00 ≤ 1	121)		
	0.384	CO1	0.00 ≤ 1	151)		
	1.152	RC9	0.00 ≤ 1	152)		
	0.384	CO1	0.00 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.384	CO17	0.00 ≤ 1	401)		
	0.768	CO29	0.00 ≤ 1	402)		
10040	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO1	0.00 ≤ 1	111)		Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO1	0.00 ≤ 1	151)		
	0.000	RC9	0.00 ≤ 1	152)		
	0.384	CO1	0.00 ≤ 1	311)		
	0.000	CO13	0.00 ≤ 1	400)		
	0.768	CO22	0.00 ≤ 1	401)		
	0.384	CO30	0.00 ≤ 1	402)		
10041	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.384	CO1	0.00 ≤ 1	151)		

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description		
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.000	CO13	0.00 ≤ 1	400)			
	0.384	CO23	0.00 ≤ 1	401)			
	0.384	CO28	0.00 ≤ 1	402)			
Cross-section No. 10 - T-Rectangle 50/200							
10042	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.384	CO1	0.00 ≤ 1	151)			
	0.000	RC9	0.00 ≤ 1	152)			
	0.384	CO1	0.00 ≤ 1	311)			
	0.000	CO13	0.00 ≤ 1	400)			
	0.768	CO17	0.00 ≤ 1	401)			
	0.384	CO26	0.00 ≤ 1	402)			
Cross-section No. 10 - T-Rectangle 50/200							
10043	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.384	CO1	0.00 ≤ 1	151)			
	0.000	RC9	0.01 ≤ 1	152)			
	0.384	RC9	0.00 ≤ 1	153)			
	0.384	CO1	0.00 ≤ 1	311)			
	0.000	CO13	0.00 ≤ 1	400)			
	0.384	CO16	0.00 ≤ 1	401)			
	0.768	CO29	0.00 ≤ 1	402)			
	Cross-section No. 10 - T-Rectangle 50/200						
	10044	0.000	CO1	0.00 ≤ 1		111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.384		CO1	0.00 ≤ 1	151)			
0.384		CO1	0.00 ≤ 1	311)			
0.000		CO13	0.00 ≤ 1	400)			
0.768		CO17	0.00 ≤ 1	401)			
0.384		CO25	0.00 ≤ 1	402)			
Cross-section No. 10 - T-Rectangle 50/200							
10045	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.384	CO1	0.00 ≤ 1	151)			
	0.000	RC9	0.00 ≤ 1	152)			
	0.384	CO1	0.00 ≤ 1	311)			
	0.000	CO13	0.00 ≤ 1	400)			
	0.384	CO21	0.00 ≤ 1	401)			
	0.768	CO28	0.00 ≤ 1	402)			
Cross-section No. 10 - T-Rectangle 50/200							
10072	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.768	RC9	0.00 ≤ 1	121)			
	0.384	CO1	0.00 ≤ 1	151)			
	1.152	RC9	0.00 ≤ 1	152)			
	0.384	CO1	0.00 ≤ 1	311)			
	0.000	CO13	0.00 ≤ 1	400)			
	0.384	CO18	0.00 ≤ 1	401)			
	0.768	CO26	0.00 ≤ 1	402)			
	Cross-section No. 10 - T-Rectangle 50/200						
	10073	0.000	CO1	0.00 ≤ 1		111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.768		RC9	0.00 ≤ 1	121)			
0.768		CO1	0.00 ≤ 1	151)			
1.152		RC9	0.00 ≤ 1	152)			
0.768		CO1	0.00 ≤ 1	311)			
0.000		CO13	0.00 ≤ 1	400)			
0.384		CO17	0.00 ≤ 1	401)			
0.768	CO28	0.00 ≤ 1	402)				
Cross-section No. 10 - T-Rectangle 50/200							
10074							

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10075	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10076	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10077	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10078	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10105	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO4	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10106	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO3	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.384	RC9	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	CO3	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10107	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.00	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10108	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.00	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO3	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10109	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO6	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10110	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.00	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
10111	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO5	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
10120	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.13	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10121	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.15	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10122	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.18	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10123	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.17 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10124	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10125	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.23 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.23 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10126	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.23 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.74 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.69 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.74 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.75 ≤ 1	163)	tension acc. to 6.2.3
	0.500	RC9	0.74 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.75 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10131	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.20 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10132	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.23 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10133	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10134	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.22	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.500	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10135	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.23	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10136	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.20	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10137	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.22 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.75 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	RC9	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.75 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.500	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	RC9	0.75 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	0.500	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.500	RC9	0.75 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	0.500	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10142	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.23 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	10143	Cross-section No. 10 - T-Rectangle 50/200				
		1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.500		RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.000		RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.500		RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.000		RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.000		RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.000		RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.500		RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.000		RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1.000		RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.500		RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.000		RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10144	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10145	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10146	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO25	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10147	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10148	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.17	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.71	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.36	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.74	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.74	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.75	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10153	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.22	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10154	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10155	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10156	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.24 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10157	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10158	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.21 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10159	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.20 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.76 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.77 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.76 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.42 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.77 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10164	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10165	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.02 ≤ 1	172)	compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.03 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10166	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10167	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10168	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200						
10168	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.500	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	0.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200						
10169	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC9	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC9	0.22 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC9	0.23 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	RC9	0.22 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	0.500	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.500	RC9	0.24 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	0.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
	10170	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.23	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.26	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.80	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.44	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.87	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.50	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.87	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.88	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.51	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10175	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.21	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10176	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.24	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10177	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC9	0.28 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10178	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.23 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10179	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10180	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.23 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.25 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10181	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.26 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.90 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.45 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.90 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.63 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.90 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.61 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.91 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.63 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
10186	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10187	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.13	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10188	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.15	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10189	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10190	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10191	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.27 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.26 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10192	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.28 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.24 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.76 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.82 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.91 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.90 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.90 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.89 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.91 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.90 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10201	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10202	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10203	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10204	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10205	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10206	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10207	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10208	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
10209	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10210	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10211	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.21 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.21 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10212	Cross-section No. 10 - T-Rectangle 50/200			
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10213	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10214	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10215	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10216	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10217	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10218	1.000	CO29	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10219	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.14	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10220	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.28	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.29	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.27	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.30	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10221	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.28 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.93 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.74 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.94 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.94 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.93 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.92 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.94 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.95 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10223	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10224	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10225	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10226	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10227	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Design No.	Description
	1.000	CO30	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10228	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10229	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10233	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.18	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10234	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10235	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10236	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO1	0.01 ≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10237	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10238	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10239	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10240	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10241	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	
10242	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10243	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.21 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.22 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10244	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10245	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10246	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10247	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10248	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10249	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10250	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10251	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10252	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.26 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10253	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.26 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.28 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.90 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.92 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.69 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.91 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.68 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.94 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10256	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10257	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10258	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10259	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10260	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10261	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10262	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10265	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.13 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10266	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10267	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10268	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10269	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10270	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10271	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10272	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10273	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10306	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.16	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10307	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.14	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.18	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.21	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10308	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.16	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10309	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.11	≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.28	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.29	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.27	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.29	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10310	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.28	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.23	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.81	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.83	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.92	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.92	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.92	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.90	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.93	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.92	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10311	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10312	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10313	Cross-section No. 10 - T-Rectangle 50/200					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
Cross-section No. 10 - T-Rectangle 50/200						
0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
Cross-section No. 10 - T-Rectangle 50/200						
0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
Cross-section No. 10 - T-Rectangle 50/200						
0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10321	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10322	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10323	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10324	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10325	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10326	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10327	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10328	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	
10329	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10330	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10331	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10422	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.42	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.68	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.59	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.75	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.59	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.74	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.60	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.75	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10423	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.20	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.49	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500	RC9	0.63	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.71 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.62 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.69 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.64 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.71 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10424	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.21 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.43 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.66 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.61 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.77 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.60 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.76 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.62 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10425	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.37 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.30 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.30 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.29 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.30 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10426	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.44	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.26	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.27	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.26	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.27	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10525	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	CO4	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.880	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.880	RC9	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.06	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10526	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.880	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.440	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.17 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10527	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.25 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10528	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.11	≤ 1	162)	tension acc. to 6.2.3 Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.375	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.375	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.375	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10529	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.27	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.12	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10530	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.15	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.27	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.200	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10531	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.880	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.640	RC9	0.20 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.760	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.34 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.20 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10532	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10533	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.880	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.880	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.16 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.880	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.28 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10534	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.31 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10535	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	CO5	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.17 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.640	CO12	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.200	CO6	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.44 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.27 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10536	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.23 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.25 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10537	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.880	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	2.640	RC9	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.07	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10538	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.14	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.25	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.11	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10539	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.880	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.18	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.200	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.200	RC9	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.33	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.17	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10540	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.16 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10541	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.320	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.320	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.880	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10542	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.440	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.640	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.440	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.440	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.440	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.12 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10543	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.200	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10544	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.375	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.125	RC9	0.04	≤ 1	173)	compression acc. to 6.2.4
	0.750	CO3	0.01	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.08	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.125	RC9	0.05	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.750	CO18	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO29	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO14	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10545	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.880	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO4	0.02	≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	2.640	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.200	RC9	0.06	≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.640	RC9	0.08	≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.07	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.640	RC9	0.07	≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.200	RC9	0.06	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.320	CO5	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.640	RC9	0.12	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.200	RC9	0.11	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.06	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Negligible deformations
	1.320	CO29	0.01	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10546	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	RC9	0.09	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.16	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.15	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.08	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
						Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10547	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.760	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.760	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.23 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.14 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10548	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
10549	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.640	RC9	0.08	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.320	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10550	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.880	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.09	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
1.320	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.320	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.760	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.760	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10551	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.760	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.760	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.760	RC9	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.26 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.18 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10552	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.375	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10553	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.760	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.640	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10554	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10555	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.760	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.760	RC9	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.24 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Negligible deformations
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.440	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10556	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10557	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10558	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.200	RC9	0.06 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10559	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.320	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.760	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.760	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.760	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.11 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10560	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.125	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10561	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	2.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10562	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.440	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10563	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2.640	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	2.640	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.320	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10564	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.375	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10565	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.760	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.04	≤ 1	162)	tension acc. to 6.2.3
	0.440	RC9	0.03	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.320	CO4	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	CO16	0.01	≤ 1	401)	Serviceability - Negligible deformations
	1.320	CO28	0.01	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.880	CO15	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10566	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10567	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.880	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.320	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.880	RC9	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.320	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.320	CO29	0.01	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	1.320	CO17	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.320	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10568	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.750	CO25	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.750	CO18	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.750	CO30	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10569	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO4	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO16	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.320	CO28	0.01	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.880	CO15	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.880	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10570	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	2.200	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	2.200	RC9	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO20	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.320	CO30	0.01	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.880	CO15	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.760	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
10571	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.880	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.880	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.880	RC9	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO28	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.320	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10572	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.375	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.375	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10573	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.880	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.880	RC9	0.16 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10574	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2.640	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.760	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.640	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	2.200	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.320	CO2	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.640	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	2.200	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.760	RC9	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10575	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.320	CO2	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	2.200	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.440	RC9	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	2.640	RC9	0.07 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.320	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	2.200	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.440	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.880	RC9	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.320	CO14	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.760	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10576	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10612	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.760	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.640	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.760	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10613	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2.200	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.320	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.440	RC9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	2.200	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.440	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.320	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO18	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.320	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10614	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.38 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.29 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.30 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.28 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.30 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10615	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10617	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.13 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10619	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10620	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10621	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10622	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.25 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10624	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.23 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.37 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.36 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.38 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10626	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.26 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.29 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.26 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.32 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10627	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.34 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.32 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.06 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.36 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10629	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.63 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.63 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.64 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.68 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.63 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.66 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.64 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.68 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10638	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.15 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.60 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.58 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.61 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
10640	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.62 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.60 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.63 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.64 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.62 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.63 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.63 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.65 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10722	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.46 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.38 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.68 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.59 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.74 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.58 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.73 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.60 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.74 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10723	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.17 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.64 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.44 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.60 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.54 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.59 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.53 ≤ 1	173)	compression acc. to 6.2.4
	1.000	RC9	0.19 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.60 ≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.54 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.05 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10724	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.46 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.37 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.65 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.58 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.71 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.58 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.70 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.59 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.71 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10729	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.41 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.26 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.26 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10730	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.59 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC9	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.750	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10731	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.41 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.24 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.26 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10862	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10863	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.47 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.750	RC9	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10864	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis Serviceability - Negligible deformations
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10869	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.34 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10870	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.50 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10871	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.35 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10876	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.37 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10877	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.38 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.36 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.35 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.750	RC9	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.37 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10878	Cross-section No. 10 - T-Rectangle 50/200				

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.36 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.36 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10883	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.28 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.28 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.90 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.79 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.91 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.87 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.86 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC9	0.87 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10884	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.26 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.30 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.87 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.89 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC9	0.63 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.88 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.750	RC9	0.62 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.89 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.64 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10885	0.750	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.28	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.27	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.89	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC9	0.79	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.89	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC9	0.87	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.86	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.87	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
11047	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO12	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.26	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC9	0.08	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11048	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11049	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO5	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.000	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.500	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.500	CO5	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.000	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	RC9	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.500	CO5	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC9	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11051	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC9	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11052	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO8	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11053	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
1.000	RC9	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.02 ≤ 1	311)	Buckling about both axes Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11054	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11055	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11722	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11723	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11724	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.001	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11725	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11726	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	CO6	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11727	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	CO6	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.002	CO8	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.002	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11728	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.002	RC9	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11729	Cross-section No. 10 - T-Rectangle 50/200					
	0.001	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.002	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.002	RC9	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO11	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11730	Cross-section No. 10 - T-Rectangle 50/200					
	0.002	RC9	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO3	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.001	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
11731	Cross-section No. 10 - T-Rectangle 50/200					
	0.002	RC9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.383	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.767	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
11732	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
11733	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.383	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.150	RC9	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.383	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.383	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11734	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.150	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.383	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11735	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.383	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.767	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.383	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11736	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.383	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.767	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.767	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.383	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
1.150	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.383	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11737	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.767	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.767	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.767	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.767	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.767	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.767	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11738	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11739	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11749	Cross-section No. 10 - T-Rectangle 50/200				
	1.150	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11750	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.767	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.767	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.383	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.767	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.150	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.383	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11751	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.383	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.767	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.767	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.383	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.767	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.150	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.767	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.767	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11752	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.150	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.767	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.150	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.383	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.767	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.150	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.383	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.767	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11753	Cross-section No. 10 - T-Rectangle 50/200				
	1.150	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.150	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.767	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.150	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.150	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.150	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11754	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.767	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.150	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.767	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.150	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.150	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.150	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.150	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.150	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11755	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.383	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.383	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11756	Cross-section No. 10 - T-Rectangle 50/200				
	0.767	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.150	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
11757	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	RC9	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC9	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.767	RC9	0.00	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	RC9	0.02	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO2	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.02	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.02	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11775	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC9	0.05	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO3	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.383	CO3	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.10	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.07	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341) Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11776	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO11	0.01	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO3	0.02	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.13	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.150	RC9	0.11	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.06	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.150	RC9	0.12	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341) Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11777	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	CO10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC9	0.04	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.00	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.150	CO2	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO10	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	CO3	0.02	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.10	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.06	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.09	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	341) Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11778	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.04	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC9	0.12	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.02	≤ 1	341) Flexural member with compression force acc. to 6.3.3 - Bending a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
					about y-axis
11779	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.767	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11780	Cross-section No. 10 - T-Rectangle 50/200				
	0.383	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.767	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.383	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.150	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.150	RC9	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.150	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.150	RC9	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11781	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.383	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11782	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.767	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.767	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.150	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.150	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.150	RC9	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11783	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.002	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11784	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.002	RC9	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.000	RC9	0.01 ≤ 1	121)	6.1.7	
	0.002	CO10	0.00 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.002	RC9	0.11 ≤ 1	163)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.002	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.002	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.002	RC9	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.002	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.002	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11785	Cross-section No. 10 - T-Rectangle 50/200					
	0.002	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.002	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.002	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.002	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.002	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.002	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.002	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.002	RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.002	RC9	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.002	RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.002	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11786	Cross-section No. 10 - T-Rectangle 50/200					
	0.002	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.001	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.001	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.002	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.002	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.002	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.002	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.002	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.002	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.002	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.002	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.002	RC9	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.002	RC9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	11787	Cross-section No. 10 - T-Rectangle 50/200				
		0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.001		RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.001		RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.002		RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.001		RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.002		RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.002		RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.002		RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.002		RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.002		RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.002		RC9	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.002		RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.002		RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.002		RC9	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.002		RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11788		Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	

Project:

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2.4 DESIGN BY MEMBER

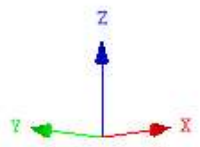
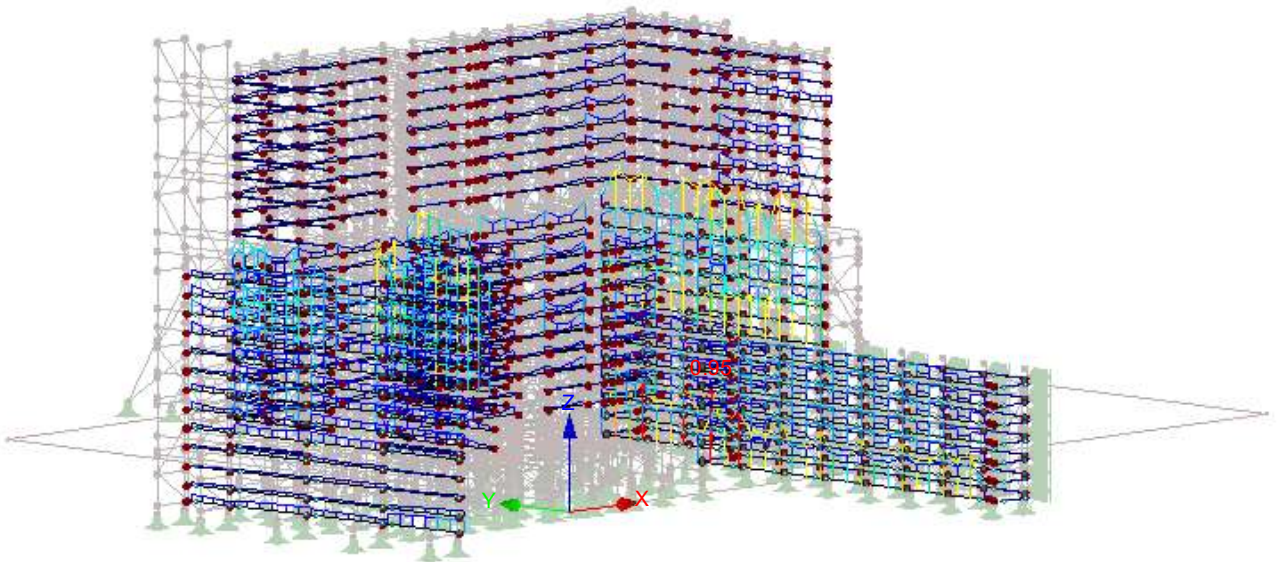
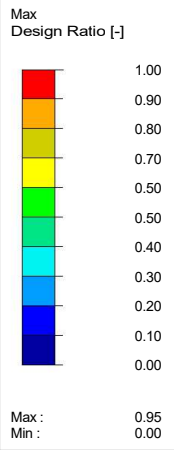
Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.001	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.001	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.002	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.002	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.002	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.002	RC9	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.002	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.002	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.002	RC9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11789	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.002	RC9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11790	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11791	Cross-section No. 10 - T-Rectangle 50/200				
	0.002	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.002	RC9	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.001	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.002	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.002	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.002	RC9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.002	RC9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA2

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 0.95

RF-TIMBER Pro
CA3
floor beams

Project: Model: Oikia Paidwn_phase 2_R10

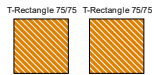
Date: 4/10/2023

1.1.1 GENERAL DATA

Members to design:	3944-3951,4190-4195,4218-4233,4246-4260,4304-4308,4310-4312,4344,4381-4385,4387-4389,4422,4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4473-4480,4483-4489,4491-4900,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190,5192,5194,5196-5200,5202-5204,5206-5211,6622-6677,6694,6695,6700,6701,6880,6937,6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521,7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,7610-7614,7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755,7769-7772,7774-7778,7789,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057,8087,8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023,9354-9356,9375-9382,9403,9637,9980,10001-10009,10728,10732,10733,10822,11060,11061,11065,11066,11069-11072,11076,11077,11080,11081		
Design according to Standard:	EN 1995-1-1:2004/A2:2014		
Ultimate Limit State Design Result combinations to design:	RC1 RC9	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos x+	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

1.2 MATERIALS

Matl. No.	Description	Factor Category	Comment
2	Poplar and Softwood Timber C16 EN 338-16	Solid Timber	



1.3.1 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-section Description [mm]	Max Design Ratio	Comment
7	2	T-Rectangle 75/75	1.03	
12	2	T-Rectangle 75/75	0.86	

1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
LC1	SW	Permanent	Permanent
LC2	LL	Imposed - Category A: domestic, residential areas	Permanent
LC3	LL + 10% y	Imposed - Category A: domestic, residential areas	Permanent
LC4	LL + 10% x	Imposed - Category A: domestic, residential areas	Permanent
CO1	1.35*LC1	-	Permanent
CO2	1.35*LC1 + 1.5*LC2	-	Permanent
CO3	1.35*LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO4	1.35*LC1 + 1.5*LC3	-	Permanent
CO5	1.35*LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO6	1.35*LC1 + 1.5*LC4	-	Permanent
CO7	LC1	-	Permanent
CO8	LC1 + 1.5*LC2	-	Permanent
CO9	LC1 + 1.5*LC2 + 1.5*LC4	-	Permanent
CO10	LC1 + 1.5*LC3	-	Permanent
CO11	LC1 + 1.5*LC3 + 1.5*LC4	-	Permanent
CO12	LC1 + 1.5*LC4	-	Permanent
CO13	LC1	-	Permanent
CO14	LC1 + LC2	-	Permanent
CO15	LC1 + LC2 + LC4	-	Permanent
CO16	LC1 + LC3	-	Permanent
CO17	LC1 + LC3 + LC4	-	Permanent
CO18	LC1 + LC4	-	Permanent
CO19	LC1	-	Permanent
CO20	LC1 + 0.5*LC2	-	Permanent
CO21	LC1 + 0.5*LC2 + 0.5*LC4	-	Permanent
CO22	LC1 + 0.5*LC3	-	Permanent
CO23	LC1 + 0.5*LC3 + 0.5*LC4	-	Permanent
CO24	LC1 + 0.5*LC4	-	Permanent
CO25	LC1	-	Permanent
CO26	LC1 + 0.3*LC2	-	Permanent
CO27	LC1 + 0.3*LC2 + 0.3*LC4	-	Permanent
CO28	LC1 + 0.3*LC3	-	Permanent
CO29	LC1 + 0.3*LC3 + 0.3*LC4	-	Permanent
CO30	LC1 + 0.3*LC4	-	Permanent
RC9	seismos x+	-	Permanent

Service Class SECL
Service Class 1: Identical for All Members/Sets of Members

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
3944	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3945	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3946	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3947	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
3948	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3949	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3950	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
3951	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4190	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
4191	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
4192	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
4193	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	1.000	1.152	<input checked="" type="checkbox"/>	As member length	1.152
4194	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4195	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4218	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4219	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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4222	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4223	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4224	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
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4228	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4229	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4230	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4231	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4232	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4233	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4246	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4247	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4248	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4249	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4251	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4252	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4253	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4254	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4257	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4259	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4304	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4305	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4306	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4307	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4308	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4310	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4311	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4312	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4344	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
4381	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4382	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4383	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4384	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4385	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4387	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4388	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4389	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4422	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
4426	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4427	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4428	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
4429	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4430	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4431	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
4433	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
4434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4435	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4437	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4438	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4441	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4443	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4444	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4446	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
4447	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
4450	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4451	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4873	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
4874	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4875	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4876	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4877	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
4878	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4879	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
4880	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4883	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4884	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
4885	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling		
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
4886	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	As member length	1.125
4887	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4888	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	As member length	1.200
4889	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
4891	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4892	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
4893	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
4894	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4895	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4896	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4897	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4898	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
4899	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	As member length	0.958
4900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5032	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	As member length	0.629
5033	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	As member length	0.629
5038	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.271	<input checked="" type="checkbox"/>	1.000	0.271	As member length	0.271
5087	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	As member length	0.331
5088	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	As member length	0.331
5089	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	As member length	0.331
5111	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	As member length	0.540
5112	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	As member length	0.540
5113	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	As member length	0.540
5179	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	As member length	0.331
5180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5181	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5182	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	As member length	1.200
5183	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
5184	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5186	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	As member length	1.200
5187	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
5188	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5190	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5192	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5194	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5196	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5197	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5198	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	As member length	1.200
5199	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
5200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5202	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	As member length	1.200
5203	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
5204	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5206	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5208	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5210	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
5211	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6622	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6623	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
6624	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
6625	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6626	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6627	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6628	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6629	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6630	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	As member length	0.958
6631	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6632	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6633	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
6634	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
6635	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6636	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6637	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6638	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6639	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6640	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	As member length	0.958
6641	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6642	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6643	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
6644	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
6645	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6646	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6647	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6648	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6649	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6650	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	As member length	0.958
6651	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6652	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6653	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
6654	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
6655	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6656	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6657	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6658	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6659	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6660	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	As member length	0.958
6661	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6662	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6663	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	As member length	0.600
6664	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	As member length	0.960
6665	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500
6666	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	As member length	1.500

Project: Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
6667	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6668	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6669	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6670	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
6671	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6672	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6673	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	1.000	0.600	<input checked="" type="checkbox"/>	As member length	0.600
6674	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
6675	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6676	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6677	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6694	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6695	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6700	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
6701	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
6880	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
6937	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
6970	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7032	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7041	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7144	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7243	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7267	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7277	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7482	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7483	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7484	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7485	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7486	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7488	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7489	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7490	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7491	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7492	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7493	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7494	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7495	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7497	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7498	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7499	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7500	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7501	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7502	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7503	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7504	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7507	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7509	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7511	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7513	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7515	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7517	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7519	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7521	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7525	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7526	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7527	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7528	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7529	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7530	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7531	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7532	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7534	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7535	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7536	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7537	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7538	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7539	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7540	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7541	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7543	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7544	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7545	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7546	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7547	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7548	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7549	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7550	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7552	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7553	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7554	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7555	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7556	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7557	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7558	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7559	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7561	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7562	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7563	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7564	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7565	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7566	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7567	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7568	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]	
7570	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7571	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7572	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7573	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7574	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7575	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7576	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7577	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7579	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7580	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7581	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7590	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7591	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7592	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7593	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7594	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7595	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7597	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7598	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7599	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7610	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7611	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7612	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7613	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7614	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7616	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7617	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7618	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7619	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7620	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7621	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7622	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7623	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7625	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7626	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7627	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7661	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7662	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7663	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7664	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7665	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7667	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7668	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7669	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7670	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7671	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7672	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7673	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7674	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7676	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7677	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7678	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7701	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7702	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7703	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7704	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7705	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7707	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7708	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7709	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7710	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	1.000	0.958	<input checked="" type="checkbox"/>	As member length	0.958
7711	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7712	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7713	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7714	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7716	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7717	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7718	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7719	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7720	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7721	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7722	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7724	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7725	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7726	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7727	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7747	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7748	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7749	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7750	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7752	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7753	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7754	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7755	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7769	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7770	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7771	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7772	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7774	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7775	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7776	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7777	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7778	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7789	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
7797	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
7814	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7815	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7816	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7843	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
7844	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7874	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
7891	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
7892	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	As member length	0.331
7893	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	As member length	0.540
7969	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7970	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7971	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
7979	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
7980	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8027	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8028	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8029	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8056	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
8057	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8087	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
8104	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
8105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8106	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	As member length	0.331
8114	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	As member length	0.331
8115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	As member length	0.540
8126	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8143	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8144	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8145	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
8153	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8154	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8165	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8182	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8183	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8184	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
8192	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
8193	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
8223	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	1.000	0.960	<input checked="" type="checkbox"/>	As member length	0.960
8240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
8241	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	As member length	0.331
8242	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	1.000	0.331	<input checked="" type="checkbox"/>	As member length	0.331
8269	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	1.000	0.540	<input checked="" type="checkbox"/>	As member length	0.540
9011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9012	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
9016	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
9018	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9022	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9023	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
9354	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9355	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
9356	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	1.000	0.629	<input checked="" type="checkbox"/>	As member length	0.629
9376	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9377	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9378	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9379	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	1.000	1.125	<input checked="" type="checkbox"/>	As member length	1.125
9380	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9381	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	1.000	1.200	<input checked="" type="checkbox"/>	As member length	1.200
9382	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
9637	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.060	<input checked="" type="checkbox"/>	1.000	0.060	<input checked="" type="checkbox"/>	As member length	0.060
9980	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10002	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10004	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10006	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10007	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10009	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	1.000	0.300	<input checked="" type="checkbox"/>	As member length	0.300
10728	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10732	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10733	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
10822	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11060	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11061	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11065	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11066	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11069	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11070	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11071	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11072	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11076	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y		Buckling About Axis z			Lateral-Torsional Buckling			
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
11080	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500
11081	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	1.000	1.500	<input checked="" type="checkbox"/>	As member length	1.500

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		$w_{c,y}$ [mm]	$w_{c,z}$ [mm]	
1	Member	3944	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
2	Member	3945	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
3	Member	3946	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
4	Member	3947	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
5	Member	3948	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
6	Member	3949	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
7	Member	3950	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
8	Member	3951	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
9	Member	4190	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
10	Member	4191	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
11	Member	4192	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
12	Member	4193	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
13	Member	4194	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
14	Member	4195	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
15	Member	4218	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
16	Member	4219	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
17	Member	4220	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
18	Member	4221	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
19	Member	4222	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
20	Member	4223	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
21	Member	4224	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
22	Member	4225	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
23	Member	4226	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
24	Member	4227	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
25	Member	4228	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
26	Member	4229	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
27	Member	4230	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
28	Member	4231	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
29	Member	4232	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
30	Member	4233	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
31	Member	4245	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
32	Member	4246	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
33	Member	4247	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
34	Member	4248	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
35	Member	4249	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
36	Member	4250	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
37	Member	4251	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
38	Member	4252	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
39	Member	4253	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
40	Member	4254	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
41	Member	4255	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
42	Member	4256	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
43	Member	4257	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
44	Member	4258	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
45	Member	4259	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
46	Member	4260	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
47	Member	4304	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
48	Member	4305	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
49	Member	4306	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
50	Member	4307	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
51	Member	4308	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
52	Member	4310	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
53	Member	4311	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
54	Member	4312	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
55	Member	4344	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
56	Member	4345	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
57	Member	4381	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
58	Member	4382	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
59	Member	4383	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
60	Member	4384	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
61	Member	4385	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
62	Member	4387	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
63	Member	4388	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
64	Member	4389	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
65	Member	4421	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
66	Member	4422	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
67	Member	4426	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
68	Member	4427	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
69	Member	4428	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
70	Member	4429	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
71	Member	4430	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
72	Member	4431	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
73	Member	4432	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
74	Member	4433	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
75	Member	4434	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
76	Member	4435	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
77	Member	4437	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
78	Member	4438	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
79	Member	4440	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
80	Member	4441	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
81	Member	4443	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
82	Member	4444	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
83	Member	4446	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
84	Member	4447	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
85	Member	4450	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
86	Member	4451	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
87	Member	4873	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
88	Member	4874	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
89	Member	4875	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
90	Member	4876	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
91	Member	4877	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
92	Member	4878	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
93	Member	4879	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
94	Member	4880	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
95	Member	4882	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
96	Member	4883	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
97	Member	4884	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
98	Member	4885	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
99	Member	4886	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
100	Member	4887	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
101	Member	4888	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
102	Member	4889	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
103	Member	4891	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
104	Member	4892	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
105	Member	4893	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
106	Member	4894	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
107	Member	4895	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
108	Member	4896	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
109	Member	4897	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
110	Member	4898	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
111	Member	4899	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
112	Member	4900	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
113	Member	5032	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
114	Member	5033	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
115	Member	5038	<input type="checkbox"/>	0.271	y; z	0.0	0.0	Beam
116	Member	5087	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
117	Member	5088	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
118	Member	5089	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
119	Member	5111	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
120	Member	5112	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
121	Member	5113	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
122	Member	5179	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
123	Member	5180	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
124	Member	5181	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
125	Member	5182	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
126	Member	5183	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
127	Member	5184	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
128	Member	5186	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
129	Member	5187	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
130	Member	5188	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
131	Member	5190	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
132	Member	5191	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
133	Member	5192	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
134	Member	5193	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
135	Member	5194	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
136	Member	5195	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
137	Member	5196	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
138	Member	5197	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
139	Member	5198	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
140	Member	5199	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
141	Member	5200	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
142	Member	5202	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
143	Member	5203	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
144	Member	5204	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
145	Member	5206	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
146	Member	5207	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
147	Member	5208	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
148	Member	5209	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
149	Member	5210	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
150	Member	5211	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
151	Member	6622	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
152	Member	6623	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
153	Member	6624	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
154	Member	6625	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
155	Member	6626	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
156	Member	6627	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
157	Member	6628	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
158	Member	6629	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
159	Member	6630	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
160	Member	6631	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
161	Member	6632	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
162	Member	6633	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
163	Member	6634	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
164	Member	6635	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
165	Member	6636	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
166	Member	6637	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
167	Member	6638	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
168	Member	6639	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
169	Member	6640	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
170	Member	6641	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
171	Member	6642	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
172	Member	6643	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
173	Member	6644	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
174	Member	6645	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
175	Member	6646	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
176	Member	6647	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
177	Member	6648	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
178	Member	6649	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
179	Member	6650	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
180	Member	6651	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
181	Member	6652	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
182	Member	6653	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
183	Member	6654	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
184	Member	6655	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
185	Member	6656	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
186	Member	6657	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
187	Member	6658	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
188	Member	6659	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
189	Member	6660	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
190	Member	6661	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
191	Member	6662	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
192	Member	6663	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
193	Member	6664	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
194	Member	6665	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
195	Member	6666	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
196	Member	6667	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
197	Member	6668	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
198	Member	6669	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
199	Member	6670	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
200	Member	6671	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
201	Member	6672	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
202	Member	6673	<input type="checkbox"/>	0.600	y; z	0.0	0.0	Beam
203	Member	6674	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
204	Member	6675	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
205	Member	6676	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
206	Member	6677	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
207	Member	6694	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
208	Member	6695	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
209	Member	6700	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
210	Member	6701	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
211	Member	6848	<input type="checkbox"/>	1.152	y; z	0.0	0.0	Beam
212	Member	6849	<input type="checkbox"/>	0.952	y; z	0.0	0.0	Beam
213	Member	6872	<input type="checkbox"/>	0.375	y; z	0.0	0.0	Beam
214	Member	6875	<input type="checkbox"/>	0.375	y; z	0.0	0.0	Beam
215	Member	6876	<input type="checkbox"/>	0.110	y; z	0.0	0.0	Beam
216	Member	6877	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
217	Member	6878	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
218	Member	6879	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
219	Member	6880	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
220	Member	6903	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
221	Member	6906	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
222	Member	6907	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
223	Member	6908	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
224	Member	6909	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
225	Member	6910	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
226	Member	6911	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
227	Member	6934	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
228	Member	6937	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
229	Member	6938	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
230	Member	6939	<input type="checkbox"/>	0.200	y; z	0.0	0.0	Beam
231	Member	6940	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
232	Member	6941	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
233	Member	6942	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
234	Member	6965	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
235	Member	6968	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
236	Member	6969	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
237	Member	6970	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
238	Member	6971	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
239	Member	6972	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
240	Member	6973	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
241	Member	6996	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
242	Member	6999	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
243	Member	7000	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
244	Member	7001	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
245	Member	7002	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
246	Member	7003	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
247	Member	7004	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
248	Member	7025	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
249	Member	7026	<input type="checkbox"/>	0.150	y; z	0.0	0.0	Beam
250	Member	7027	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
251	Member	7028	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
252	Member	7029	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
253	Member	7030	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
254	Member	7031	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
255	Member	7032	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
256	Member	7033	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
257	Member	7034	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
258	Member	7035	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
259	Member	7036	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
260	Member	7037	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
261	Member	7038	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
262	Member	7039	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
263	Member	7040	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
264	Member	7041	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
265	Member	7056	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
266	Member	7067	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
267	Member	7078	<input type="checkbox"/>	0.450	y; z	0.0	0.0	Beam
268	Member	7089	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
269	Member	7100	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
270	Member	7111	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
271	Member	7122	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
272	Member	7133	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
273	Member	7144	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
274	Member	7155	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
275	Member	7166	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
276	Member	7177	<input type="checkbox"/>	0.270	y; z	0.0	0.0	Beam
277	Member	7188	<input type="checkbox"/>	0.270	y; z	0.0	0.0	Beam
278	Member	7199	<input type="checkbox"/>	0.270	y; z	0.0	0.0	Beam
279	Member	7210	<input type="checkbox"/>	0.270	y; z	0.0	0.0	Beam
280	Member	7221	<input type="checkbox"/>	0.270	y; z	0.0	0.0	Beam
281	Member	7232	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
282	Member	7243	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
283	Member	7254	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
284	Member	7260	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
285	Member	7261	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
286	Member	7262	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
287	Member	7263	<input type="checkbox"/>	0.075	y; z	0.0	0.0	Beam
288	Member	7264	<input type="checkbox"/>	0.135	y; z	0.0	0.0	Beam
289	Member	7265	<input type="checkbox"/>	0.050	y; z	0.0	0.0	Beam
290	Member	7266	<input type="checkbox"/>	0.020	y; z	0.0	0.0	Beam
291	Member	7267	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
292	Member	7268	<input type="checkbox"/>	0.180	y; z	0.0	0.0	Beam
293	Member	7269	<input type="checkbox"/>	0.180	y; z	0.0	0.0	Beam
294	Member	7271	<input type="checkbox"/>	0.180	y; z	0.0	0.0	Beam
295	Member	7272	<input type="checkbox"/>	0.180	y; z	0.0	0.0	Beam
296	Member	7273	<input type="checkbox"/>	0.180	y; z	0.0	0.0	Beam
297	Member	7274	<input type="checkbox"/>	1.244	y; z	0.0	0.0	Beam
298	Member	7275	<input type="checkbox"/>	1.244	y; z	0.0	0.0	Beam
299	Member	7276	<input type="checkbox"/>	1.244	y; z	0.0	0.0	Beam
300	Member	7277	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
301	Member	7482	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
302	Member	7483	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
303	Member	7484	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
304	Member	7485	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
305	Member	7486	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
306	Member	7488	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
307	Member	7489	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
308	Member	7490	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
309	Member	7491	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
310	Member	7492	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
311	Member	7493	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
312	Member	7494	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
313	Member	7495	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
314	Member	7497	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
315	Member	7498	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
316	Member	7499	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
317	Member	7500	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
318	Member	7501	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
319	Member	7502	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
320	Member	7503	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
321	Member	7504	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
322	Member	7507	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
323	Member	7509	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
324	Member	7511	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
325	Member	7513	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
326	Member	7515	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
327	Member	7517	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
328	Member	7519	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
329	Member	7521	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
330	Member	7525	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
331	Member	7526	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
332	Member	7527	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
333	Member	7528	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
334	Member	7529	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
335	Member	7530	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
336	Member	7531	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
337	Member	7532	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
338	Member	7534	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
339	Member	7535	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
340	Member	7536	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
341	Member	7537	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
342	Member	7538	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
343	Member	7539	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
344	Member	7540	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
345	Member	7541	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
346	Member	7543	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
347	Member	7544	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
348	Member	7545	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
349	Member	7546	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
350	Member	7547	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
351	Member	7548	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
352	Member	7549	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
353	Member	7550	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
354	Member	7552	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
355	Member	7553	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
356	Member	7554	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
357	Member	7555	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
358	Member	7556	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
359	Member	7557	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
360	Member	7558	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
361	Member	7559	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
362	Member	7561	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
363	Member	7562	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
364	Member	7563	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
365	Member	7564	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
366	Member	7565	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
367	Member	7566	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
368	Member	7567	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
369	Member	7568	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
370	Member	7570	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
371	Member	7571	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
372	Member	7572	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
373	Member	7573	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
374	Member	7574	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
375	Member	7575	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
376	Member	7576	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
377	Member	7577	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
378	Member	7579	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
379	Member	7580	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
380	Member	7581	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
381	Member	7582	<input type="checkbox"/>	1.244	y; z	0.0	0.0	Beam
382	Member	7583	<input type="checkbox"/>	1.244	y; z	0.0	0.0	Beam
383	Member	7584	<input type="checkbox"/>	0.120	y; z	0.0	0.0	Beam
384	Member	7585	<input type="checkbox"/>	0.120	y; z	0.0	0.0	Beam
385	Member	7586	<input type="checkbox"/>	0.100	y; z	0.0	0.0	Beam
386	Member	7587	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
387	Member	7588	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
388	Member	7589	<input type="checkbox"/>	0.145	y; z	0.0	0.0	Beam
389	Member	7590	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
390	Member	7591	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
391	Member	7592	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
392	Member	7593	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
393	Member	7594	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
394	Member	7595	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
395	Member	7597	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
396	Member	7598	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
397	Member	7599	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
398	Member	7610	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
399	Member	7611	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
400	Member	7612	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
401	Member	7613	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
402	Member	7614	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
403	Member	7616	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
404	Member	7617	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
405	Member	7618	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
406	Member	7619	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
407	Member	7620	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
408	Member	7621	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
409	Member	7622	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
410	Member	7623	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
411	Member	7625	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
412	Member	7626	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
413	Member	7627	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
414	Member	7661	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
415	Member	7662	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
416	Member	7663	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
417	Member	7664	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
418	Member	7665	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
419	Member	7667	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
420	Member	7668	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
421	Member	7669	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
422	Member	7670	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
423	Member	7671	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
424	Member	7672	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
425	Member	7673	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
426	Member	7674	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
427	Member	7676	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
428	Member	7677	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
429	Member	7678	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
430	Member	7701	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
431	Member	7702	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
432	Member	7703	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
433	Member	7704	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
434	Member	7705	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
435	Member	7707	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
436	Member	7708	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
437	Member	7709	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
438	Member	7710	<input type="checkbox"/>	0.958	y; z	0.0	0.0	Beam
439	Member	7711	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
440	Member	7712	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
441	Member	7713	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
442	Member	7714	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
443	Member	7716	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
444	Member	7717	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
445	Member	7718	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
446	Member	7719	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
447	Member	7720	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
448	Member	7721	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
449	Member	7722	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
450	Member	7724	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
451	Member	7725	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
452	Member	7726	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
453	Member	7727	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
454	Member	7747	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
455	Member	7748	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
456	Member	7749	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
457	Member	7750	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
458	Member	7752	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
459	Member	7753	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
460	Member	7754	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
461	Member	7755	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

Project:

Model: Oikia Paidwn_phase 2_R10

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1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber		Beam Type
			Manually	L [m]		w _{c,y} [mm]	w _{c,z} [mm]	
462	Member	7769	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
463	Member	7770	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
464	Member	7771	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
465	Member	7772	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
466	Member	7774	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
467	Member	7775	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
468	Member	7776	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
469	Member	7777	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
470	Member	7778	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
471	Member	7789	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
472	Member	7797	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
473	Member	7814	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
474	Member	7815	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
475	Member	7816	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
476	Member	7843	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
477	Member	7844	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
478	Member	7874	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
479	Member	7891	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
480	Member	7892	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
481	Member	7893	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
482	Member	7969	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
483	Member	7970	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
484	Member	7971	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
485	Member	7979	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
486	Member	7980	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
487	Member	8010	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
488	Member	8027	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
489	Member	8028	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
490	Member	8029	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
491	Member	8056	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
492	Member	8057	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
493	Member	8087	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
494	Member	8104	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
495	Member	8105	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
496	Member	8106	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
497	Member	8114	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
498	Member	8115	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
499	Member	8126	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
500	Member	8143	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
501	Member	8144	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
502	Member	8145	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
503	Member	8153	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
504	Member	8154	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
505	Member	8165	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
506	Member	8182	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
507	Member	8183	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
508	Member	8184	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
509	Member	8192	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
510	Member	8193	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
511	Member	8223	<input type="checkbox"/>	0.960	y; z	0.0	0.0	Beam
512	Member	8240	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
513	Member	8241	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
514	Member	8242	<input type="checkbox"/>	0.331	y; z	0.0	0.0	Beam
515	Member	8269	<input type="checkbox"/>	0.540	y; z	0.0	0.0	Beam
516	Member	9011	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
517	Member	9012	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
518	Member	9013	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
519	Member	9014	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
520	Member	9015	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
521	Member	9016	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
522	Member	9017	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
523	Member	9018	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
524	Member	9019	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
525	Member	9020	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
526	Member	9021	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
527	Member	9022	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
528	Member	9023	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
529	Member	9354	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
530	Member	9355	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
531	Member	9356	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
532	Member	9375	<input type="checkbox"/>	0.629	y; z	0.0	0.0	Beam
533	Member	9376	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
534	Member	9377	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
535	Member	9378	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
536	Member	9379	<input type="checkbox"/>	1.125	y; z	0.0	0.0	Beam
537	Member	9380	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
538	Member	9381	<input type="checkbox"/>	1.200	y; z	0.0	0.0	Beam
539	Member	9382	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
540	Member	9403	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
541	Member	9637	<input type="checkbox"/>	0.060	y; z	0.0	0.0	Beam
542	Member	9980	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
543	Member	10001	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
544	Member	10002	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
545	Member	10003	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
546	Member	10004	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
547	Member	10005	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
548	Member	10006	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
549	Member	10007	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
550	Member	10008	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
551	Member	10009	<input type="checkbox"/>	0.300	y; z	0.0	0.0	Beam
552	Member	10728	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
553	Member	10732	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
554	Member	10733	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
555	Member	10822	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

Project: Model: Oikia Paidwn_phase 2_R10 Date: 4/10/2023

1.9 SERVICEABILITY

No.	Reference to	Members/Sets No.	Reference Length			Precamber		Beam Type
			Manually	L [m]	Direct.	w _{c,y} [mm]	w _{c,z} [mm]	
556	Member	11060	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
557	Member	11061	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
558	Member	11065	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
559	Member	11066	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
560	Member	11069	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
561	Member	11070	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
562	Member	11071	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
563	Member	11072	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
564	Member	11076	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
565	Member	11077	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
566	Member	11080	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam
567	Member	11081	<input type="checkbox"/>	1.500	y; z	0.0	0.0	Beam

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
3944	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.45 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.43 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.70 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
3945	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.49 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.44 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO10	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.69 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.125	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.125	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
3946	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	CO2	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.62 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.68 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.71 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3947	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO4	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC9	0.36 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.65 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.67 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3948	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.28 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.32 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.53 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.18 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.60 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.67 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3949	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.375	CO10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO9	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.69 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.73 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3950	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO5	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO5	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.59 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO5	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.62 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3951	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO1	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.48 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO12	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.56 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	0.375	CO15	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.375	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4190	Cross-section No. 7 - T-Rectangle 75/75						
	0.768	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO4	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO4	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	CO4	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO4	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO28	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4191	Cross-section No. 7 - T-Rectangle 75/75						
	1.152	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO5	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.152	RC9	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.152	CO6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO5	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4192	Cross-section No. 7 - T-Rectangle 75/75						
	0.384	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO4	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.152	CO5	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO5	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	4193	Cross-section No. 7 - T-Rectangle 75/75					
		0.384	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO4	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		CO4	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		CO4	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		CO4	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.768		CO16	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO28	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768		CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768		CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4194		Cross-section No. 7 - T-Rectangle 75/75					
	0.315	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.315	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.000	RC9	0.36	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO4	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.629	RC9	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.89 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.90 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4195	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.09 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.28 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.57 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	CO3	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.73 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.58 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.66 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.63 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.71 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4218	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.33 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC9	0.78 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO2	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	1.00 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	1.00 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	1.01 > 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
4219	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.23 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.22 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO5	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC9	0.56 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.87 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.315	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.629	RC9	0.83 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.86 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4220	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4221	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.18 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
4222	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO8	0.30 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4223	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO2	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.54 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC9	0.64 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC9	0.64 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4224	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.30 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.45 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4225	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.200	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC9	0.52 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4226	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	RC9	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4227	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4228	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO12	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.50 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4229	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.44 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4230	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	CO6	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC9	0.64 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC9	0.68 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC9	0.72 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4231	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO11	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO11	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	4232 Cross-section No. 7 - T-Rectangle 75/75					
1.200	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.800	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
1.200	CO3	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.200	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO2	0.18	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.200	RC9	0.50	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO3	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
1.200	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC9	0.45	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.800	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.200	RC9	0.56	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.800	RC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
1.200	RC9	0.58	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.400	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.400	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4233 Cross-section No. 7 - T-Rectangle 75/75						
0.000	CO12	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.750	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.500	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	RC9	0.29	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500	RC9	0.49	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO12	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
1.500	RC9	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.750	RC9	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
1.500	RC9	0.52	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.750	RC9	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500	RC9	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.750	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.375	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4246 Cross-section No. 7 - T-Rectangle 75/75						
0.315	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.315	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000	RC9	0.32	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.315	RC9	0.16	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.315	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO7	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO8	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.92	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.96	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.98	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4247	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.30	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.30	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.17	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.52	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.58	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.60	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4248	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO4	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.54	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.63	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO10	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.66	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO10	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.68	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4249	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO11	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	RC9	0.03	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO12	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.62	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO11	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.60	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO11	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.64	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4250	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	CO10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO2	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.73	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	CO10	0.31	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.74	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	CO10	0.32	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.79	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4251	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO12	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.34	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.35	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4252	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.200	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO2	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4253	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO2	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.48 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4254	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	RC9	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.30 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.53 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4255	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC9	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.30	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.53	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.55	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.61	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4256	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO9	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.51	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.50	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.57	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4257	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO12	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.43	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.57	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.62	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.67	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
4258	0.750	CO29	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO12	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO1	0.08	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.750	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.125	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4259	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO6	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO3	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.22	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	RC9	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC9	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.38	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4260	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO5	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.42	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	RC9	0.07	≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.42	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4304	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO2	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.28	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.67	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.58	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.66	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4305	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO6	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.45	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.29	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.51	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO10	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.50	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO10	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4306	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO2	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	CO10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.91	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.81 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.89 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4307	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.10 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO6	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO2	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.50 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.06 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
4308	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO8	0.30 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO11	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO11	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.58 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4310	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO6	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.46 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO6	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.64 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.74 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.800	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4311	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	CO4	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4312	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.48 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4344	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO3	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.479	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC9	0.84 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC9	0.84 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC9	0.84 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4381	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.06 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO12	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4382	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.77 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.59 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.75 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4383	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO5	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO6	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO2	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.68 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.64 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.800	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4384	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.13 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.06 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO7	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4385	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4387	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO6	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.800	CO5	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.96 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.79 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.91 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4388	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.14 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.07 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	RC9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO5	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO3	0.21 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.05 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
4389	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.51 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.59 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4422	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	RC9	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	RC9	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.75 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO3	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.479	RC9	0.01	≤ 1	162)	tension acc. to 6.2.3
	0.958	RC9	0.75	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.70	≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.70	≤ 1	333)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.70	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4426	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO5	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO11	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.43	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.51	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.52	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4427	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	CO3	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.44	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.45	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.21	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4428	Cross-section No. 7 - T-Rectangle 75/75					
	0.600	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.300	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.300	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.300	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4429	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4430	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4431	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO5	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4432	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.300	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.300	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.300	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4433	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
4434	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.34 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4435	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4437	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	CO6	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.125	CO6	0.02	≤ 1	328)	about both axes
	1.500	CO3	0.38	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO14	0.14	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO26	0.06	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4438	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.38	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.38	≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.39	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.39	≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO14	0.19	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO26	0.09	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4440	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.32	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.33	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4441	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.32	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4443	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4444	Cross-section No. 12 - T-Rectangle 75/75				
	0.375	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO4	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4446	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

Project:

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4447	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	CO3	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.479	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	CO3	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4450	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.37 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.38 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4451	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4873	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	RC9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.29 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO3	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC9	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.80 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4874	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4875	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.750	CO12	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO2	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO6	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO6	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4876	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO4	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4877	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO1	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.66 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	RC9	0.61 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.69 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO26	0.02	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.375	CO17	0.03	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.375	CO29	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4878	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	RC9	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.36	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.21	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.45	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4879	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	RC9	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO2	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	RC9	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC9	0.43	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	RC9	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.45	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4880	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO2	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC9	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.38 ≤ 1	173)	compression acc. to 6.2.4
	0.750	RC9	0.07 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.39 ≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4883	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.66 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.68 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.73 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4884	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.57 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.72 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.75 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4885	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO11	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.72 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.07 ≤ 1	172)	compression acc. to 6.2.4
	0.000	RC9	0.69 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	CO2	0.11 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.09 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.76 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4886	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO4	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO6	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.91 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO4	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.88 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO4	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.95 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4887	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.42 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.49 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4888	Cross-section No. 7 - T-Rectangle 75/75				
	1.200	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC9	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.200	RC9	0.51	≤ 1	333)	6.2.4 Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.800	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4889	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.33	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO3	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.42	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO3	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.44	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4891	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.15	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.42	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.42	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.22	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4892	Cross-section No. 7 - T-Rectangle 75/75					
	0.600	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.300	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.300	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.300	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4893	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4894	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.34 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4895	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.32 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO2	0.37 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.18 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4896	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4897	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4898	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC9	0.02	≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.19	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.35	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4899	Cross-section No. 12 - T-Rectangle 75/75					
	0.479	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.479	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4900	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.40	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.40	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
5032	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	0.500	CO28	0.00	≤ 1	407)		
	Cross-section No. 7 - T-Rectangle 75/75						
	0.629	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO2	0.14	≤ 1	111)		
	0.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.32	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.315	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.315	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.315	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.315	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5033	Cross-section No. 7 - T-Rectangle 75/75						
	0.629	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO2	0.14	≤ 1	111)		
	0.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.32	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.315	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.315	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.315	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.315	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	5038	Cross-section No. 7 - T-Rectangle 75/75					
		0.271	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.271		RC9	0.47	≤ 1	111)		
0.135		RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.271		CO4	0.58	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.271		CO1	0.19	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.271		RC9	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.271		RC9	0.85	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.271		CO8	0.37	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.135		CO6	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.271		RC9	0.89	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.271		CO8	0.37	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
0.135		CO6	0.00	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.271		RC9	0.89	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.135		CO16	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.135		CO28	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.135		CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.135		CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5087	Cross-section No. 7 - T-Rectangle 75/75						
	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.331	CO2	0.29	≤ 1	111)		
	0.165	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	CO4	0.55	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.331	RC9	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.331	CO10	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.331	RC9	0.63	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.331	CO8	0.35	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	0.331	RC9	0.64	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.331	CO8	0.35	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.331	RC9	0.64	≤ 1	333)	about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.165	CO14	0.02	≤ 1	401)	Serviceability - Negligible deformations
	0.165	CO26	0.01	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO16	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5088	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	CO2	0.27	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.55	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO1	0.18	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	RC9	0.49	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	RC9	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.19	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.331	RC9	0.53	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.331	RC9	0.53	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5089	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	RC9	0.26	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	CO5	0.55	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO1	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO11	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	RC9	0.67	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.331	CO8	0.22	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.165	CO6	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.331	RC9	0.67	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.331	CO8	0.22	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.165	CO6	0.00	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.331	RC9	0.67	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5111	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO2	0.29	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.270	CO10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.55	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.56	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1	0.17	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.540	CO2	0.47	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.540	CO2	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5112	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO2	0.23 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	CO5	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.46 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.46 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5113	Cross-section No. 7 - T-Rectangle 75/75				
	0.540	CO2	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.56 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.540	CO3	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.540	CO3	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5179	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	RC9	0.25 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.165	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO4	0.55 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO1	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	RC9	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	RC9	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.16 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.331	RC9	0.58 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.165	CO12	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.331	RC9	0.58 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.165	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5180	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO2	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.44	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.31	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.58	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.57	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.58	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5181	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.79	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.30	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO5	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.65	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.76	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.76	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5182	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO12	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO3	0.34	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.22	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.88	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO6	0.21	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC9	0.95	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO6	0.21	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.96	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5183	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.27 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO9	0.26 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.94 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.93 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.94 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
5184	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.43 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5186	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO5	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	1.01 > 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	1.02 > 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	1.03 > 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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5187	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.28 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.49 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.97 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.94 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.97 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5188	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.19 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.82 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5190	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.75 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.34 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5192	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.82 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500	CO2	0.35 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.88 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5194	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.85 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.86 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.87 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.88 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5196	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO12	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5197	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.32 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5198	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	RC9	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	CO9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC9	0.88 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.93 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5199	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	RC9	0.29 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.98 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.99 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	1.00 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5200	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.79 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.18 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC9	0.80	≤ 1	333)	about both axes Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5202	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO3	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.22	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	RC9	0.71	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC9	0.79	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC9	0.81	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5203	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.25	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.72	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.81	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.76	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.82	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.77	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.83	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
5204	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO3	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.33	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.70	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.45	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.69	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.45	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.69	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5206	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO11	0.20 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.75 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.75 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.76 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5207	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.60 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.34 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.65 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.57 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.57 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5208	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.76 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.77 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.26 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
5209	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO2	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.35	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.72	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5210	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.06	≤ 1	151)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.81	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.77	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.81	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.82	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5211	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO3	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.71	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.44	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.70	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.72	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.73	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6622	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.22	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO2	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6623	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.300	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.300	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.300	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6624	Cross-section No. 7 - T-Rectangle 75/75				
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6625	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO2	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6626	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO8	0.33 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.36 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6627	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.19 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6628	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.36 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO17	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6629	Cross-section No. 12 - T-Rectangle 75/75					
	0.750	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.31	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.36	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.18	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6630	Cross-section No. 12 - T-Rectangle 75/75					
	0.479	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC9	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6631	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.34	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.21	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.17	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6632	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.22 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6633	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.300	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.300	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.300	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6634	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO7	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6635	Cross-section No. 7 - T-Rectangle 75/75				

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.26 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6636	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.37 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6637	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6638	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6639	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO4	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6640	Cross-section No. 12 - T-Rectangle 75/75				
	0.958	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.479	CO27	0.02	≤ 1	402)	span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6641	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.40	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.40	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.41	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.21	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6642	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	CO3	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.42	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.22	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6643	Cross-section No. 7 - T-Rectangle 75/75					
	0.600	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6644	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6645	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6646	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6647	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.24 ≤ 1	333)	Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO14	0.19 ≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6648	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6649	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO8	0.29 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6650	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO6	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6651	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.40 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6652	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.37 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.22 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6653	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.300	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6654	Cross-section No. 7 - T-Rectangle 75/75					
	0.960	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.15	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	6655	Cross-section No. 7 - T-Rectangle 75/75				
0.000		RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
1.500		CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
1.500		RC9	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.500		CO3	0.37	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500		RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
0.000		RC9	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.500		RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		RC9	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		RC9	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500		CO15	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500		CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000		CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000		CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6656	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.37	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.40	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6657	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO12	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO5	0.02 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO9	0.19 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6658	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6659	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.34 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6660	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO3	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6661	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.40 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6662	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.24 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.11 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6663	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6664	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6665	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6666	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO3	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6667	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO2	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.40	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.21	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.10	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6668	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.39	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6669	Cross-section No. 12 - T-Rectangle 75/75					
	0.750	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.30	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO8	0.30 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6670	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6671	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.40 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.41 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.22 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.10 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6672	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.21 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6673	Cross-section No. 7 - T-Rectangle 75/75				
	0.600	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.300	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6674	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO7	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
6675	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.34 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO3	0.39	≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO4	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6676	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.29	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.41	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.32	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6677	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO10	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6694	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.03	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.37	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO5	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.36	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.40	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.36	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6695	Cross-section No. 12 - T-Rectangle 75/75					
	0.750	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.32	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.34	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO4	0.11	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO11	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6700	Cross-section No. 12 - T-Rectangle 75/75					
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6901	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO9	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6880	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6937	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	RC9	0.24 ≤ 1	163)	tension acc. to 6.2.3
	0.480	CO3	0.06 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.26 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.480	CO3	0.07 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.26 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Negligible deformations
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6970	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7003	Cross-section No. 12 - T-Rectangle 75/75				
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7032	Cross-section No. 12 - T-Rectangle 75/75				
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO9	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	CO16	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.480	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7041	Cross-section No. 12 - T-Rectangle 75/75					
	0.960	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7144	Cross-section No. 12 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.25	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7243	Cross-section No. 12 - T-Rectangle 75/75					
	0.960	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO8	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7267	Cross-section No. 12 - T-Rectangle 75/75					
	0.960	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7277	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7482	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO8	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO10	0.19 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7483	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.400	RC9	0.03	≤ 1	162)	tension acc. to 6.2.3
	1.200	RC9	0.13	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	CO2	0.22	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.26	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO2	0.22	≤ 1	323)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.03	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO4	0.27	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	CO15	0.04	≤ 1	401)	Serviceability - Negligible deformations
	0.400	CO27	0.02	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7484	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.05	≤ 1	161)	Cross-section resistance - Biaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO6	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7485	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.39	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.50	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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7486	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.44	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO2	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.45	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7488	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO2	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.66	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.65	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.66	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7489	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	CO5	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.85	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO5	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.85	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO5	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.86	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7490	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	CO11	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.66 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO4	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO11	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.72 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO4	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO11	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.73 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7491	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.21 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7492	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.29 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	CO5	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	CO5	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7493	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.12 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.04 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.05 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.07 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.19 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	CO11	0.01 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.19 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.22 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7494	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.08 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.17 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.35 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.39 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.36 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.40 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.500	CO14	0.18 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.08 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7495	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.07 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.05 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO4	0.23 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.29 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.02 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.24 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO5	0.21 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO5	0.21 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7497	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO1	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7498	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.58 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.58 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.59 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7499	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.52 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO13	0.00	≤ 1	400)	Buckling about both axes
	0.750	CO15	0.15	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO27	0.07	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7500	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	CO3	0.20	≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	1.500	CO10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO2	0.32	≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.35	≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.18	≤ 1	333)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.20	≤ 1	401)	Buckling about both axes
	0.500	CO27	0.09	≤ 1	402)	Serviceability - Negligible deformations
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7501	Cross-section No. 7 - T-Rectangle 75/75				
0.800		RC9	0.01	≤ 1	101)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.800		RC9	0.00	≤ 1	102)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.000		CO2	0.16	≤ 1	111)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.200		CO4	0.03	≤ 1	112)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
0.800		RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO1	0.09	≤ 1	151)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.800		CO4	0.02	≤ 1	152)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.000		CO8	0.27	≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.400		RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.200		RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.800		CO2	0.04	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.800		RC9	0.02	≤ 1	172)	Cross-section resistance - Biaxial bending about y-axis and compression acc. to 6.2.4
0.000		CO2	0.29	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
0.800		CO2	0.05	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.800		RC9	0.03	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO2	0.30	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.800		CO15	0.03	≤ 1	401)	Buckling about both axes
0.800		CO27	0.01	≤ 1	402)	Serviceability - Negligible deformations
0.400	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
7502	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	RC9	0.00	≤ 1	102)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.960	CO3	0.13	≤ 1	111)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.960	CO4	0.04	≤ 1	112)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.06	≤ 1	151)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO10	0.13	≤ 1	152)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.20	≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.03	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
						Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7503 Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.21 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7504 Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.29 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO8	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7507 Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.37 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7509	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.35 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.61 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.59 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.60 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7511	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.29 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.51 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.14 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.54 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7513	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO9	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO8	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.22 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7515	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	CO10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO4	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7517	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7519	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7521	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO2	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7525	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.38 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7526	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.33 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.61 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.59 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.60 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7527	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.32 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.51 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.55 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.55 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7528	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.18 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.23 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.11 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7529	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO4	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	RC9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO4	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7530	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7531	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.15	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.18	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7532	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO5	0.28	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.33	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7534	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.17	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.34	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.38	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.39	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO13	0.00	≤ 1	400)	Buckling about both axes
	1.000	CO14	0.21	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO26	0.10	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7535	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.54	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.47	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.38	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.53	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.38	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.54	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7536	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.46	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.47	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.33	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.49	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.34	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.50	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7537	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
7538	0.500	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC9	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO9	0.19	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO9	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.800	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.800	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.400	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7539	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.25	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.25	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7540	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.42	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO4	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.17 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7541	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO11	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7543	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.34 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.38 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7544	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.60 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.58 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.58 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7545	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	CO2	0.18 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	RC9	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.49 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.07 ≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.41 ≤ 1	163)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.53 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.54 ≤ 1	333)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO14	0.15 ≤ 1	401)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO26	0.07 ≤ 1	402)	Serviceability - Negligible deformations
	1.125	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.125	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
7546	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO3	0.01 ≤ 1	102)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.500	CO3	0.20 ≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.08 ≤ 1	151)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC9	0.17 ≤ 1	153)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.23 ≤ 1	171)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.24 ≤ 1	323)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.37 ≤ 1	333)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO13	0.00 ≤ 1	400)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO15	0.20 ≤ 1	401)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO27	0.09 ≤ 1	402)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Negligible deformations
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
7547	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	RC9	0.01 ≤ 1	101)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO11	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.11 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO4	0.16 ≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.03 ≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.800	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC9	0.01 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.13 ≤ 1	323)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.03 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.30 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO15	0.04 ≤ 1	401)	Serviceability - Negligible deformations
					401)

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7548	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO11	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO6	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO5	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO12	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO12	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7549	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7550	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7552	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.38 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.39 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7553	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.55 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.34 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.35 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7554	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.45 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.33 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC9	0.50	≤ 1	333)	about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO15	0.15	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO27	0.07	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7555	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO3	0.36	≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.18	≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO2	0.22	≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.36	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.19	≤ 1	333)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.20	≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.09	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7556	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	CO11	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.30	≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.400	RC9	0.01	≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	CO3	0.19	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO5	0.19	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.19	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC9	0.03	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO5	0.20	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO14	0.05	≤ 1	401)	Serviceability - Negligible deformations
	0.800	CO26	0.02	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7557	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.12	≤ 1	152)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO5	0.32	≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
						Cross-section resistance - Biaxial bending acc. to 6.1.6

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7558	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7559	Cross-section No. 7 - T-Rectangle 75/75				
	0.960	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.26 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7561	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.34 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.37 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.17 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7562	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.34 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC9	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.59 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.56 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.57 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7563	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.48 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.33 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.52 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7564	Cross-section No. 12 - T-Rectangle 75/75				
	1.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO2	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO3	0.36	≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.23	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.10	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7565	Cross-section No. 7 - T-Rectangle 75/75					
	1.200	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO3	0.16	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO5	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO3	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO5	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7566	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO6	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO9	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO9	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7567	Cross-section No. 7 - T-Rectangle 75/75					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO5	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO9	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO9	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.07	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7568	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7570	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.21	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.30	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.38	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.39	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7571	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	CO9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.52 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO3	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	CO9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.750	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7572	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7573	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.35 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.36 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.23 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.11 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7574	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7575	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7576	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7577	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.27 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7579	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.21 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7580	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.49 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.51 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.51 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7581	Cross-section No. 12 - T-Rectangle 75/75				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7590	Cross-section No. 12 - T-Rectangle 75/75				
	0.960	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7591	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO5	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7592	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.200	CO5	0.03	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	CO5	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	RC9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.400	RC9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7593	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO8	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO5	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO6	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO6	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7594	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.20	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.30	≤ 1	161)	Cross-section resistance - Biaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.18	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.19	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Buckling about both axes
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7595	Cross-section No. 7 - T-Rectangle 75/75				
	0.960	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.27 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO3	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO5	0.21 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7597	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.43 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.44 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7598	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	CO3	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.59 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.125	CO3	0.01	≤ 1	328)	about both axes
	1.500	RC9	0.60	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO15	0.11	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO27	0.05	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7599	Cross-section No. 12 - T-Rectangle 75/75					
	1.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO11	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.53	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.49	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.56	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.57	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7610	Cross-section No. 7 - T-Rectangle 75/75					
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC9	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC9	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7611	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO4	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.07 ≤ 1	162)	tension acc. to 6.2.3 Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO6	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO6	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7612	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7613	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7614	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7616	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7617	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC9	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO2	0.31	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.31	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7618	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7619	Cross-section No. 7 - T-Rectangle 75/75					
	0.479	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC9	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	RC9	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7620	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC9	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7621	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO3	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO3	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7622	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7623	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO2	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7625	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7626	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.02 ≤ 1	172)	compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7627	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7661	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO3	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	CO9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO3	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	CO9	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7662	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7663	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO11	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC9	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7664	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO2	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7665	Cross-section No. 7 - T-Rectangle 75/75				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO9	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7667	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.38 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.17 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7668	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.28 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7669	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7670	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO3	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.958	RC9	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO3	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC9	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7671	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC9	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7672	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC9	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7673	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO11	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC9	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC9	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7674	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO2	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7676	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.17 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7677	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.30 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7678	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7701	Cross-section No. 7 - T-Rectangle 75/75				
	0.958	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC9	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7702	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO17	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7703	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.800	CO26	0.02	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.400	CO16	0.01	≤ 1	406)	span, y-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.400	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7704	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO2	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO2	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.480	CO26	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.480	CO15	0.00	≤ 1	406)	span, y-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.480	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7705	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7707	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.36 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.37 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7708	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7709	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.30 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7710	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC9	0.03 ≤ 1	161)	Cross-section resistance - Biaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC9	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.479	RC9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.479	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7711	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7712	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7713	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO9	0.19 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO9	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7714	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7716	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.00 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.18 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7717	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7718	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.45 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7719	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7720	Cross-section No. 7 - T-Rectangle 75/75				
	1.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO5	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.19 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO9	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7721	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.20 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7722	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7724	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7725	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO11	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.35	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC9	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7726	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC9	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7727	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7747	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7748	Cross-section No. 7 - T-Rectangle 75/75				
	1.200	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO4	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.26 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO3	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO3	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7749	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7750	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7752	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7753	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC9	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7754	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC9	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.960	RC9	0.23	≤ 1	333)	about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Negligible deformations
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7755	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7769	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO6	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO1	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO1	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7770	Cross-section No. 7 - T-Rectangle 75/75					
	1.200	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC9	0.23	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO3	0.18	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO3	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.40 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7771	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7772	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7774	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.33 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.19 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.08 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7775	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.42 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC9	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7776	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO2	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO2	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7777	Cross-section No. 7 - T-Rectangle 75/75				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7778	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO8	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.51 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7789	Cross-section No. 7 - T-Rectangle 75/75			
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO8	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.43 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.44 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7797	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.26 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	RC9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO3	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.59 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.66 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.315	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.69 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.00 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7814	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7815	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.29 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7816	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7843	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO11	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO12	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.51 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.53 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.54 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7844	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO26	0.05	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7874	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO1	0.01	≤ 1	151)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC9	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC9	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	CO5	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.800	CO11	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC9	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC9	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC9	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC9	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.800	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7891	Cross-section No. 7 - T-Rectangle 75/75					
	0.960	CO1	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO1	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO1	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7892	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO3	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
7893	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO3	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.270	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.270	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.540	RC9	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.540	CO10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.540	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.540	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.540	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.540	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7969	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.21 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7970	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.30 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC9	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO27	0.04	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	1.125	CO17	0.04	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.125	CO29	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7971	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO27	0.05	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	1.000	CO17	0.02	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO29	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7979	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	CO9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC9	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO9	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	CO3	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.750	CO27	0.01	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.375	CO15	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.375	CO27	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7980	Cross-section No. 7 - T-Rectangle 75/75					
	0.315	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.13	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Buckling about both axes
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Negligible deformations
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
8010	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.25 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC9	0.64 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.61 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.65 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.65 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8027	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8028	Cross-section No. 7 - T-Rectangle 75/75			
0.750		RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.750		RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.750		CO3	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.375		RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.500		CO3	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.750		RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
0.000		CO9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.750	CO2	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8029	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8056	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.39 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC9	0.35 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC9	0.19 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC9	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.45 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8057	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8087	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8104	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.33 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8105	Cross-section No. 7 - T-Rectangle 75/75				
	0.629	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.32 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
8106	0.315	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	RC9	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO3	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.165	RC9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
8114	0.331	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO3	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
8115	0.331	RC9	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.270	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO3	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.540	RC9	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
8126	0.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8126	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.37	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
8143	1.000	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	1.000	CO28	0.01 ≤ 1	407)		
	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.125	RC9	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.32 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.125	RC9	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.41 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO6	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8144	0.750	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.125		CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.125		CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 7 - T-Rectangle 75/75						
0.000		CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		RC9	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.000		RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO2	0.31 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC9	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO6	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		RC9	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
1.000		CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000		CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
8145	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.125	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC9	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.750	RC9	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.125	CO6	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.750	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.375	RC9	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.750	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.125	CO3	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.750	CO17	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
8153	0.750	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.750	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.750	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 7 - T-Rectangle 75/75					
	0.629	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO5	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC9	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC9	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO11	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3		
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8154	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.23 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.55 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.56 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	RC9	0.60 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.60 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8165	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.35 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8182	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.29 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO2	0.31	≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8183	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.27	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO9	0.27	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.31	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO2	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.32	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8184	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO4	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	CO6	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC9	0.32	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC9	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC9	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.41	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC9	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.42	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8192	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO9	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8193	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.06 ≤ 1	151)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO9	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8223	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC9	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC9	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8240	Cross-section No. 7 - T-Rectangle 75/75				
	0.629	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.32 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8241	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.165	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	RC9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO3	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.165	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.331	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8242	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.165	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO3	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	RC9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8269	Cross-section No. 7 - T-Rectangle 75/75				
	0.270	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.540	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.540	RC9	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.270	RC9	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.270	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9011	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.34 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	RC9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	RC9	0.80 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9012	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.21 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.34 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.34 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9013	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9014	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO3	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO5	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9015	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO4	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.45 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.46 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9016	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9017	Cross-section No. 7 - T-Rectangle 75/75				
	1.200	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	RC9	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC9	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC9	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9018	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC9	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9019	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.30 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.72 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	RC9	0.75 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.76 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9020	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.21 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO8	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.06 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9021	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC9	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9022	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO3	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO5	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO2	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO2	0.32	≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9023	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO4	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.42	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.45	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.46	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9354	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC9	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.06	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9355	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	RC9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO11	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO6	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC9	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	CO10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9356	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.19 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC9	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.20 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.09 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9375	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	RC9	0.34 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO2	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.54 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	RC9	0.82 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.315	RC9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.629	RC9	0.82 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	RC9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC9	0.82 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.315	CO30	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.315	CO16	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.315	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9376	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.34	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.35	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9377	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	RC9	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO12	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC9	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO2	0.15	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.16	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.05	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9378	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC9	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC9	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC9	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9379	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	RC9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC9	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.42 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC9	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC9	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC9	0.49 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC9	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC9	0.52 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9380	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9381	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO5	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	CO12	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO12	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9382	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	RC9	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO2	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC9	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.22 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC9	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.17 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.07 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9403	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO12	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO4	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC9	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO12	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO12	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO26	0.02 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.500	CO16	0.01 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO28	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9637	Cross-section No. 7 - T-Rectangle 75/75				
	0.030	RC9	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.030	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.86 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.060	CO5	0.31 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.060	CO5	0.50 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.060	CO8	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.030	RC9	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.63 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.030	RC9	0.16 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.65 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.030	RC9	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.65 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.030	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.030	CO26	0.00 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.030	CO17	0.01 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.030	CO17	0.01 ≤ 1	406)	span, y-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.030	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
9980	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO8	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.28 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.50 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO12	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC9	0.46 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO12	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC9	0.50 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO26	0.02 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.500	CO17	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
10001	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10002	0.150	CO27	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10003	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO11	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10004	Cross-section No. 7 - T-Rectangle 75/75				
0.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.150		RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.300		CO2	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.300		CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.150		RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.300		CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.300		RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.150		RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
0.300		RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.150		CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.150		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10005		Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10006	Cross-section No. 7 - T-Rectangle 75/75				
0.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.150		RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.300		CO2	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.300		CO11	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.150		RC9	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.300		CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.300	RC9	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.150	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10007	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10008	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.150	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.300	CO2	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.150	RC9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.300	RC9	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10009	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC9	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	RC9	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10728	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.33 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.84 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.83 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO4	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.85 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10732	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO9	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.85 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	CO1	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.82 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO4	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.85 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10733	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC9	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.77 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC9	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC9	0.79 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC9	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.81 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10822	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO9	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO12	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.75 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	CO4	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC9	0.73 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC9	0.76 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11060	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC9	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC9	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC9	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC9	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11061	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.28 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11065	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO8	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11066	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC9	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11069	Cross-section No. 7 - T-Rectangle 75/75				
	1.500	RC9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC9	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11070	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO8	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO8	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11071	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC9	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11072	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

Project:

Model: Oikia Paidwn_phase 2_R10

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
11076	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO6	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC9	0.03 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC9	0.16 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.03 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC9	0.27 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.08 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.31 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.09 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
11077	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO8	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.04 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.09 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.28 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.31 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO8	0.07 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC9	0.31 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO8	0.08 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	11080	Cross-section No. 7 - T-Rectangle 75/75			
1.000		CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
0.000		CO6	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.500		CO8	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
0.000		CO2	0.15 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.000		RC9	0.03 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC9	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.000		RC9	0.03 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.500		CO4	0.07 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC9	0.24 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000		CO6	0.03 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
1.500		RC9	0.21 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		CO3	0.29 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
0.000		CO2	0.31 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		CO3	0.30 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO2	0.32 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations

Project:

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2.4 DESIGN BY MEMBER

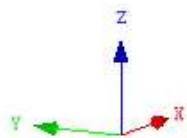
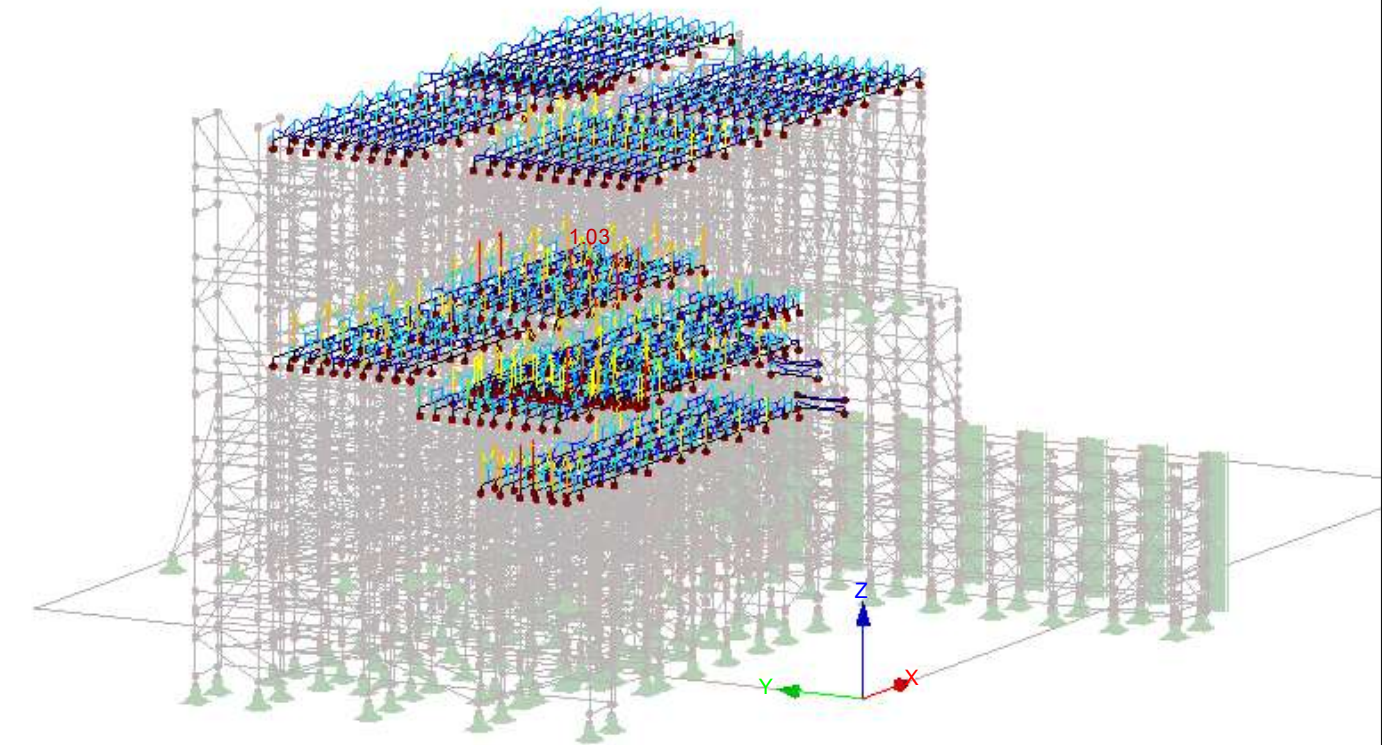
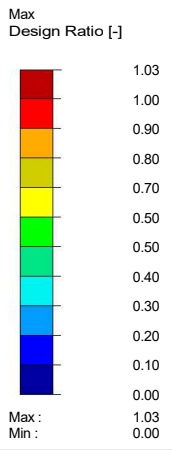
Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11081	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC9	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC9	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC9	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC9	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC9	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO8	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO8	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC9	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA3

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 1.03

Project: Model: Oikia Paidwn_phase 2_R10 Date: 4/10/2023

1.1 GLOBAL DATA

Activities	<input checked="" type="checkbox"/> Modal analysis (eigenvectors) <input checked="" type="checkbox"/> Mass combinations <input checked="" type="checkbox"/> Forced vibrations <input checked="" type="checkbox"/> Response spectra <input type="checkbox"/> Accelerograms <input type="checkbox"/> Time diagrams <input type="checkbox"/> Equivalent static force analysis
Setting	Gravity acceleration : 10.00 m/s ²

1.2.1 MASS CASES - GENERAL

No.	Mass Case Description	Parameters
MC1	mass_x+	Mass Case Type : Permanent Masses : <input checked="" type="checkbox"/> From force components of Load Case LC1-SW Masses : <input checked="" type="checkbox"/> Manually define additional masses at <input checked="" type="checkbox"/> Members
MC2	live load	Mass Case Type : Imposed - category A-B (roofs, p=1.0) Masses : <input checked="" type="checkbox"/> From force components of Load Case LC2-LL

MC1
mass_x+

1.2.4 MASS CASES - ADDITIONAL MEMBER MASSES

No.	List of Members with Masses	Mass m [kg/m]	Comment
1	7829,7830,7831,7832,7833,7834,7859,7860,7861,7862,7863,7864,7995,7996,7997,7998,7999,8000,9540,9541,9542,9543,9544,9545,9553,9554,9555,9556,9557,9558,9616,9617,9618,9619,9620,9621,9638,9639,9640,9641,9642,9643,10120,10121,10122,10123,10124,10125,10126,10131,10132,10133,10134,10135,10136,10137,10142,10143,10144,10145,10146,10147,10148,10153,10154,10155,10156,10157,10158,10159,10164,10165,10166,10167,10168,10169,10170,10175,10176,10177,10178,10179,10180,10181,10186,10187,10188,10189,10190,10191,10192,10208,10209,10210,10211,10219,10220,10221,10233,10241,10242,10243,10244,10252,10253,10265,10266,10306,10307,10308,10309,10310,10422,10423,10424,10425,10426,10614,10615,10617,10619,10620,10621,10622,10624,10626,10627,10629,10638,10640,10722,10723,10724,10729,10730,10731,10862,10863,10864,10869,10870,10871,10876,10877,10878,10883,10884,10885	700.000	
2	8042,8043,8044,8045,8046,8047,8072,8073,8074,8075,8076,8077,8132,8171,8221	600.000	

1.3.1 MASS COMBINATIONS - GENERAL

No.	Mass Combination Description	Parameters
MCO1	mass x+	Mass Cases : 1.00 MC1 - mass_x+ 0.30 MC2 - live load Comment :

1.4.1 NATURAL VIBRATION CASE - GENERAL

NVC Case	Natural Vibration Case Description	Parameters
NVC1	mass x+	Number of Smallest Eigenvalues : 50 Acting Masses : MCO1 - mass x+ Masses considered in : <input checked="" type="checkbox"/> X-direction <input checked="" type="checkbox"/> Y-direction <input checked="" type="checkbox"/> Z-direction

1.4.2 NATURAL VIBRATION CASE - CALCULATION PARAMETERS

NVC Case	Natural Vibration Case Description	Calculation Parameters
NVC1	mass x+	Type of Mass Matrix : Diagonal matrix (translational DOFs) Scaling Vibration Mode Shapes : Max {u _i } = 1 Method for Solving Eigenvalues : Lanczos

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1.5.1 RESPONSE SPECTRA - GENERAL

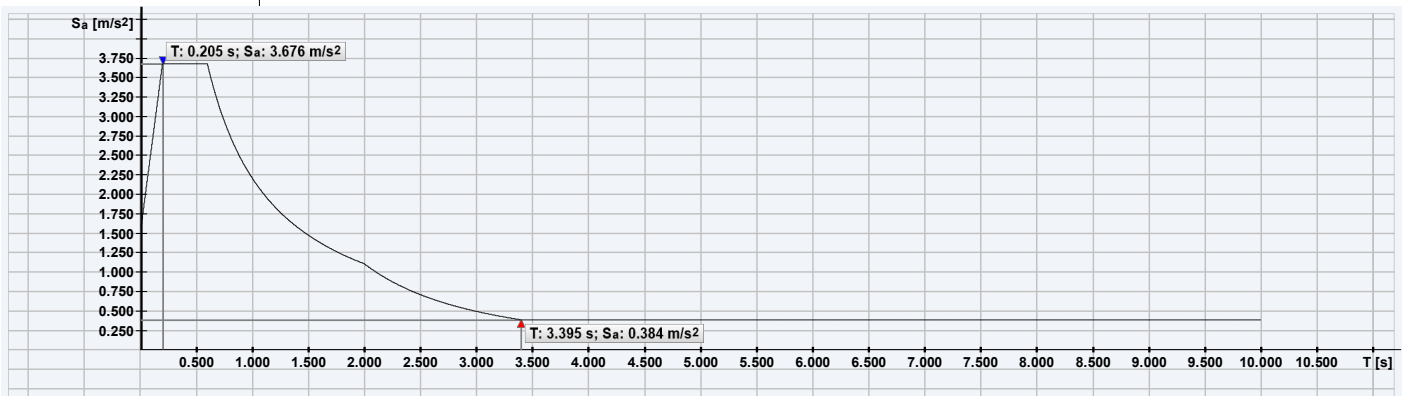
RS Case	Response Spectra Description	Definition Type	Comment
RS1		According to Standard: EN 1998-1:2010 - European Union National Annex: CEN - European Union	
RS2		According to Standard: EN 1998-1:2010 - European Union National Annex: CEN - European Union	

1.5.2 RESPONSE SPECTRA - STANDARD PARAMETERS

No.	Response Spectrum Description	Mass Case Parameters
RS1		<p>Type of Spectrum Type of Spectrum : Design spectrum for linear calculation Type of Spectrum : 1 Spectrum direction : Horizontal spectrum</p> <p>Earthquake action Reference peak ground acceleration a_{gR} : 1.3700 Importance factor γ_I : 1.4 Design ground acceleration a_g : 1.9180</p> <p>Parameter for description of response spectrum Ground type : C Soil factor S : 1.1500 Lower limit of area of constant spectral acceleration (horizontal) T_{B-H} : 0.2000 Upper limit of area of constant spectral acceleration (horizontal) T_{C-H} : 0.6000 Value defining the beginning of area of constant displacements of spectrum (horizontal) T_{D-H} : 2.0000</p> <p>Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000</p>
RS2		<p>Type of Spectrum Type of Spectrum : Design spectrum for linear calculation Type of Spectrum : 1 Spectrum direction : Vertical spectrum</p> <p>Earthquake action Reference peak ground acceleration a_{gR} : 1.3700 Importance factor γ_I : 1.4 Design ground acceleration (vertical) a_{gV} : 1.7262</p> <p>Parameter for description of response spectrum Ground type : C Soil factor S : 1.1500 Lower limit of area with constant spectral acceleration (vertical) T_{B-V} : 0.0500 Upper limit of area with constant spectral acceleration (vertical) T_{C-V} : 0.1500 Value defining the beginning of area of constant displacements of spectrum (vertical) T_{D-V} : 1.0000</p> <p>Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000</p>

1.5.3.1 RESPONSE SPECTRA - GRAPH

RS1

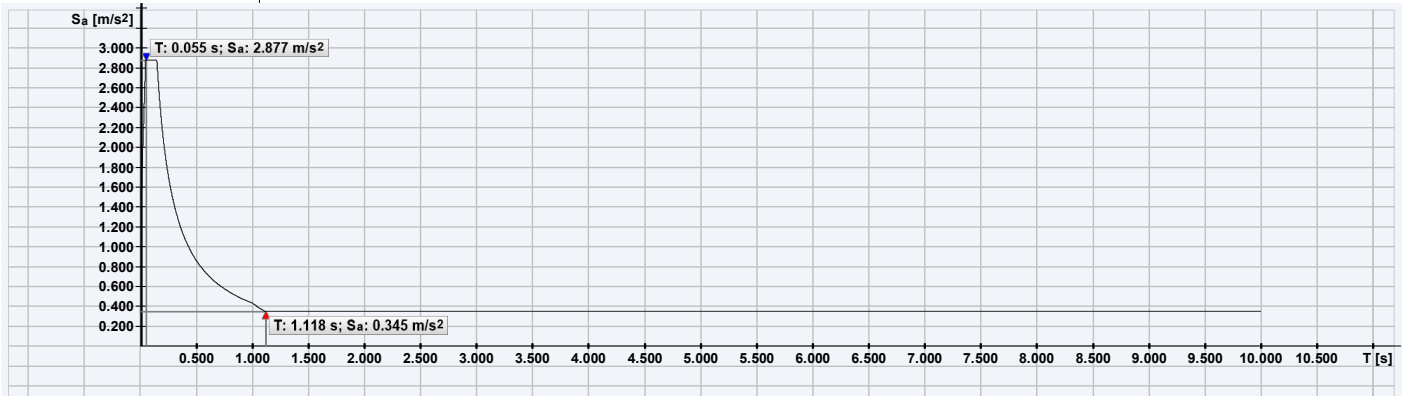


Project: Model: Oikia Paidwn_phase 2_R10

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1.5.3.2 RESPONSE SPECTRA - GRAPH

RS2



1.8.1 DYNAMIC LOAD CASES - GENERAL

DLC Case	Dynamic Load Cases Description	Parameters
DLC1	mass x+	Method Type : Response spectrum analysis (response spectrum required) Assign Natural Vibration : Natural Vibration Case: mass x+

1.8.2.1 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS

DLC Case	Dynamic Load Cases Description	Parameters
DLC1	mass x+	Assign Response Spectrum - Supports <input checked="" type="checkbox"/> On all supports identically Assign response spectrum: Response Spectrum in Direction <input checked="" type="checkbox"/> x: RS1 - Multiplication factor 1.000 <input checked="" type="checkbox"/> z: RS2 - Multiplication factor 1.000 Rotate a_x a_y about Z: $\alpha = 0.00$ [°] Combination Rules: Modal response combination rule: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> CQC Combination of directional components: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> 100 / 30 % <input type="checkbox"/> 100 / 40 % Options <input checked="" type="checkbox"/> Use equivalent linear combination Generate: <input checked="" type="checkbox"/> Create result combination Number of first generated result combination: 5 Lehr's damping: D = 0.040 [-]

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generate	Frequency		Period T [s]	Acceleration S_a [m/s²]
				ω [rad/s]	f [Hz]		
DLC1	mass x+	1	<input checked="" type="checkbox"/>	4.763	0.758	1.319	1.672
		2	<input checked="" type="checkbox"/>	5.944	0.946	1.057	2.087
		3	<input checked="" type="checkbox"/>	7.819	1.244	0.804	2.745
		4	<input checked="" type="checkbox"/>	8.111	1.291	0.775	2.847
		5	<input checked="" type="checkbox"/>	9.034	1.438	0.696	3.171
		6	<input checked="" type="checkbox"/>	10.568	1.682	0.595	3.676
		7	<input checked="" type="checkbox"/>	10.720	1.706	0.586	3.676
		8	<input checked="" type="checkbox"/>	11.827	1.882	0.531	3.676
		9	<input checked="" type="checkbox"/>	12.069	1.921	0.521	3.676
		10	<input checked="" type="checkbox"/>	12.899	2.053	0.487	3.676

Project:

Model: Oikia Paidwn_phase 2_R10

Date: 4/10/2023

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generate	Frequency		Period T [s]	Acceleration S _a [m/s ²]
				ω [rad/s]	f [Hz]		
		11	<input checked="" type="checkbox"/>	14.110	2.246	0.445	3.676
		12	<input checked="" type="checkbox"/>	15.347	2.443	0.409	3.676
		13	<input checked="" type="checkbox"/>	15.353	2.444	0.409	3.676
		14	<input checked="" type="checkbox"/>	15.451	2.459	0.407	3.676
		15	<input checked="" type="checkbox"/>	15.647	2.490	0.402	3.676
		16	<input checked="" type="checkbox"/>	15.725	2.503	0.400	3.676
		17	<input checked="" type="checkbox"/>	15.735	2.504	0.399	3.676
		18	<input checked="" type="checkbox"/>	15.761	2.508	0.399	3.676
		19	<input checked="" type="checkbox"/>	15.778	2.511	0.398	3.676
		20	<input checked="" type="checkbox"/>	15.914	2.533	0.395	3.676
		21	<input checked="" type="checkbox"/>	16.158	2.572	0.389	3.676
		22	<input checked="" type="checkbox"/>	16.477	2.622	0.381	3.676
		23	<input checked="" type="checkbox"/>	16.571	2.637	0.379	3.676
		24	<input checked="" type="checkbox"/>	17.385	2.767	0.361	3.676
		25	<input checked="" type="checkbox"/>	17.845	2.840	0.352	3.676
		26	<input checked="" type="checkbox"/>	18.213	2.899	0.345	3.676
		27	<input checked="" type="checkbox"/>	18.237	2.902	0.345	3.676
		28	<input checked="" type="checkbox"/>	18.822	2.996	0.334	3.676
		29	<input checked="" type="checkbox"/>	19.231	3.061	0.327	3.676
		30	<input checked="" type="checkbox"/>	19.327	3.076	0.325	3.676
		31	<input checked="" type="checkbox"/>	19.645	3.127	0.320	3.676
		32	<input checked="" type="checkbox"/>	19.857	3.160	0.316	3.676
		33	<input checked="" type="checkbox"/>	20.190	3.213	0.311	3.676
		34	<input checked="" type="checkbox"/>	20.483	3.260	0.307	3.676
		35	<input checked="" type="checkbox"/>	20.536	3.268	0.306	3.676
		36	<input checked="" type="checkbox"/>	20.564	3.273	0.306	3.676
		37	<input checked="" type="checkbox"/>	20.772	3.306	0.302	3.676
		38	<input checked="" type="checkbox"/>	21.111	3.360	0.298	3.676
		39	<input checked="" type="checkbox"/>	21.123	3.362	0.297	3.676
		40	<input checked="" type="checkbox"/>	21.159	3.368	0.297	3.676
		41	<input checked="" type="checkbox"/>	21.257	3.383	0.296	3.676
		42	<input checked="" type="checkbox"/>	21.263	3.384	0.295	3.676
		43	<input checked="" type="checkbox"/>	21.588	3.436	0.291	3.676
		44	<input checked="" type="checkbox"/>	21.647	3.445	0.290	3.676
		45	<input checked="" type="checkbox"/>	21.803	3.470	0.288	3.676
		46	<input checked="" type="checkbox"/>	21.922	3.489	0.287	3.676
		47	<input checked="" type="checkbox"/>	21.984	3.499	0.286	3.676
		48	<input checked="" type="checkbox"/>	22.019	3.504	0.285	3.676
		49	<input checked="" type="checkbox"/>	22.135	3.523	0.284	3.676
		50	<input checked="" type="checkbox"/>	22.306	3.550	0.282	3.676

NVC1
mass x+

5.1 NATURAL FREQUENCIES

NVC1

Mode No.	Eigenvalue λ [1/s ²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]
1	22.684	4.763	0.758	1.319
2	35.333	5.944	0.946	1.057
3	61.134	7.819	1.244	0.804
4	65.788	8.111	1.291	0.775
5	81.605	9.034	1.438	0.696
6	111.689	10.568	1.682	0.595
7	114.920	10.720	1.706	0.586
8	139.889	11.827	1.882	0.531
9	145.651	12.069	1.921	0.521
10	166.375	12.899	2.053	0.487
11	199.089	14.110	2.246	0.445
12	235.545	15.347	2.443	0.409
13	235.717	15.353	2.444	0.409
14	238.740	15.451	2.459	0.407
15	244.820	15.647	2.490	0.402
16	247.291	15.725	2.503	0.400
17	247.578	15.735	2.504	0.399
18	248.416	15.761	2.508	0.399
19	248.957	15.778	2.511	0.398
20	253.244	15.914	2.533	0.395
21	261.082	16.158	2.572	0.389
22	271.485	16.477	2.622	0.381
23	274.612	16.571	2.637	0.379
24	302.232	17.385	2.767	0.361
25	318.459	17.845	2.840	0.352
26	331.731	18.213	2.899	0.345
27	332.578	18.237	2.902	0.345
28	354.282	18.822	2.996	0.334
29	369.840	19.231	3.061	0.327
30	373.530	19.327	3.076	0.325
31	385.912	19.645	3.127	0.320
32	394.300	19.857	3.160	0.316
33	407.655	20.190	3.213	0.311
34	419.560	20.483	3.260	0.307
35	421.713	20.536	3.268	0.306
36	422.864	20.564	3.273	0.306
37	431.486	20.772	3.306	0.302
38	445.669	21.111	3.360	0.298
39	446.173	21.123	3.362	0.297
40	447.720	21.159	3.368	0.297
41	451.845	21.257	3.383	0.296
42	452.133	21.263	3.384	0.295
43	466.062	21.588	3.436	0.291
44	468.599	21.647	3.445	0.290
45	475.381	21.803	3.470	0.288

Project: Model: Oikia Paidwn_phase 2_R10

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5.1 NATURAL FREQUENCIES

NVC1

Mode No.	Eigenvalue λ [1/s ²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]
46	480.565	21.922	3.489	0.287
47	483.302	21.984	3.499	0.286
48	484.820	22.019	3.504	0.285
49	489.945	22.135	3.523	0.284
50	497.575	22.306	3.550	0.282

5.7 EFFECTIVE MODAL MASS FACTORS

NVC1

NVC1
mass x+

Mode No.	Modal Mass M_i [kg]	Effective Modal Mass						Effective Modal Mass Factor		
		m_{ex} [kg]	m_{ey} [kg]	m_{ez} [kg]	m_{ox} [kg.m ²]	m_{oy} [kg.m ²]	m_{oz} [kg.m ²]	f_{mex} [-]	f_{mey} [-]	f_{mez} [-]
1	2537.70	0.32	3779.69	0.00	144554.06	0.07	142337.12	0.000	0.020	0.000
2	14412.52	5.75	26993.71	0.00	25615.48	13.21	642001.60	0.000	0.143	0.000
3	10832.65	0.45	25325.32	0.82	6565.29	0.24	212221.38	0.000	0.134	0.000
4	1500.75	3.27	3035.35	0.72	139081.53	208.35	6511.52	0.000	0.016	0.000
5	11404.80	0.21	35900.52	0.08	312682.16	4.41	308953.39	0.000	0.190	0.000
6	4884.44	0.01	16716.12	0.01	128611.93	62.16	383397.91	0.000	0.088	0.000
7	5585.62	0.01	291.81	0.57	14392.81	4.89	2620.58	0.000	0.002	0.000
8	621.66	3.39	3976.91	0.46	11103.91	251.67	61725.23	0.000	0.021	0.000
9	5095.51	0.44	19.23	0.08	18762.01	61.93	12581.07	0.000	0.000	0.000
10	354.24	1368.52	6.77	0.02	60.28	31813.60	5218.53	0.007	0.000	0.000
11	8082.51	223.51	11314.34	0.02	25132.47	481.47	87340.18	0.001	0.060	0.000
12	980.00	72.52	17.64	3359.65	34540.87	267326.29	4275.53	0.000	0.000	0.018
13	2169.74	1063.37	0.43	424.86	1676.44	2291.33	2186.13	0.006	0.000	0.002
14	2180.59	130.15	19.09	266.76	4846.71	1870.87	2070.65	0.001	0.000	0.001
15	641.39	77.11	24.96	158.46	2162.44	9481.67	4765.07	0.000	0.000	0.001
16	739.76	24.97	9.88	2.52	4.84	691.71	1947.30	0.000	0.000	0.000
17	1011.25	87.52	59.05	60.22	370.21	9657.38	11097.04	0.000	0.000	0.000
18	632.86	0.51	3.40	2.02	35.59	134.59	373.56	0.000	0.000	0.000
19	1000.52	3.57	2.96	0.01	2.16	23.43	550.95	0.000	0.000	0.000
20	1277.35	2333.91	2585.02	6.44	1181.03	23345.49	418352.06	0.012	0.014	0.000
21	12548.38	3.94	9388.30	0.00	1669.37	0.50	71145.30	0.000	0.050	0.000
22	2027.53	1.46	5.72	0.42	236.02	0.04	3141.78	0.000	0.000	0.000
23	1979.85	13.69	5.01	0.01	239.24	37.96	1179.57	0.000	0.000	0.000
24	10412.79	11478.02	2805.21	140.20	8373.19	48521.47	534975.97	0.061	0.015	0.001
25	16731.60	34846.28	77.19	342.39	15063.23	194887.59	12496.85	0.184	0.000	0.002
26	2225.85	7.28	714.44	21.41	1682.55	10.15	1063.24	0.000	0.004	0.000
27	3860.55	1844.27	8526.95	9.84	2154.92	47508.37	1013937.03	0.010	0.045	0.000
28	200.25	1073.13	95.75	23.21	57.74	4670.32	3011.61	0.006	0.001	0.000
29	2182.03	183.98	1.31	0.51	10.04	57.31	449.69	0.001	0.000	0.000
30	2115.68	435.81	0.73	0.22	90.52	37.62	5701.26	0.002	0.000	0.000
31	2624.47	1480.29	330.50	1049.57	396.18	2697.79	75227.53	0.008	0.002	0.006
32	4249.04	5219.62	22.66	8651.43	30430.10	15024.98	17433.70	0.028	0.000	0.046
33	3187.45	148.32	4.34	6676.24	94386.09	167117.08	478.76	0.001	0.000	0.035
34	2300.01	311.36	662.98	41.91	12463.51	6071.49	7841.38	0.002	0.004	0.000
35	5706.66	7722.30	8538.33	171.74	46188.16	130488.89	477803.15	0.041	0.045	0.001
36	2987.14	3163.49	3733.44	65.39	784.74	15757.35	255735.06	0.017	0.020	0.000
37	781.65	642.04	0.27	171.99	13620.15	3753.94	52621.74	0.003	0.000	0.001
38	1963.61	6.23	0.08	25.08	21.48	3353.13	544.68	0.000	0.000	0.000
39	1037.92	1135.63	0.15	32.82	617.63	17220.62	7012.74	0.006	0.000	0.000
40	1009.75	961.43	0.73	4.10	83.53	3133.85	79.71	0.005	0.000	0.000
41	1016.04	94.72	0.02	8.36	105.24	2586.71	15212.23	0.001	0.000	0.000
42	1650.99	276.60	0.04	278.49	3538.67	3474.88	4158.43	0.001	0.000	0.001
43	1680.09	8.17	0.05	4.66	122.69	15.60	96.04	0.000	0.000	0.000
44	2259.75	0.02	0.15	5.55	1169.48	38.56	4840.39	0.000	0.000	0.000
45	2461.34	483.59	0.13	18.21	3963.90	3617.43	11094.47	0.003	0.000	0.000
46	6431.66	356.35	28.58	1.99	31540.48	10775.76	12863.78	0.002	0.000	0.000
47	3151.35	199.09	0.12	797.23	51980.20	148.49	67568.98	0.001	0.000	0.004
48	1301.01	2507.35	0.08	108.15	11159.16	10602.37	27845.75	0.013	0.000	0.001
49	3204.39	7257.49	0.98	1750.27	38401.08	20358.29	91433.34	0.038	0.000	0.009
50	6391.59	1588.23	77.44	272.97	1791.64	1791.64	37793.05	0.008	0.000	0.001
Sum	185626.25	88849.65	165103.87	24958.09	1241931.57	1061484.91	5125314.03	0.470	0.874	0.132

RF-STEEL EC3
CA2
Horizontal beams

Project:

Model: Oikia Paidwn_phase 2_R11

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1.1 GENERAL DATA

<p>Members to design:</p> <p>Sets of members to design:</p> <p>National Annex:</p> <p>Ultimate Limit State Design Result combinations to design:</p> <p>Serviceability Limit State Design Result combinations to design:</p>	<p>73-96,145-163,317-328,355,358,361,364,469-480,507,510,513,516,581-583,592,605-607,616,701-721,856-859,866-869,876-884,894-933,986-993,1006-1009,1016,1017,1020-1025,1034-1053,1102-1107,1128-1130,1145-1147,1162-1164,1181-1183,1223,1234,1235,1268-1277,1301-1303,1324-1329,1350-1352,1367-1369,1384-1386,1409,1414,1415,1490-1499,1526-1533,1546-1553,1572,1573,1583-1587,1591,1595,1596,1618-1623,1636-1641,1692-1694,1701-1703,1740-1742,1749-1751,1786-1788,1795-1797,1828-1830,1837-1839,1870-1872,1879-1881,1914-1916,1923-1925,1952-1954,1961-1963,2000-2002,2009-2011,2044-2046,2053-2055,2100-2105,2118-2123,2174-2176,2183-2185,2222-2224,2231-2233,2268-2270,2277-2279,2310-2312,2319-2321,2358-2360,2367-2369,2406-2408,2415-2417,2450-2452,2459-2461,2494-2496,2503-2505,2532-2534,2541-2543,2582,2583,2585,2586,2600,2602,2603,2605,2656,2657,2665,2667,2704,2705,2713,2715,2747,2749-2751,2759,2761,2765,2767,2792,2793,2801,2803,2840,2841,2849,2851,2871,2873,2875,2877,2888,2889,2897,2899,2932,2933,2941,2943,2976,2977,2985,2987,3014,3015,3023,3025,3054,3055,3063,3065,3140-3147,3206,3207,3209,3210,3224,3226,3227,3229,3280,3281,3289,3291,3328,3329,3337,3339,3371,3373-3375,3383,3385,3389,3391,3416,3417,3425,3427,3464,3468,3473,3475,3495,3497,3499,3501,3512,3513,3521,3523,3549,3556,3557,3565,3567,3600,3601,3609,3611,3638,3639,3647,3649,3678,3679,3687,3689,3764-3771,3843,3854,3896,3897,3902,3903,3966,3967,3990,4013,4034-4036,4069-4071,4092-4094,4115-4117,4138-4140,4184,4203-4208,4234,4235,4261,4262,4294-4297,4337,4341,4409,4410,4413,4414,4417,4418,4605-4608,4615,4616,4620,4622-4624,4629-4638,4881,4890,4901-4963,4978,4981,4988-4991,5172-5178,5242-5264,5406,5451,5452,5459,5460,5467,5468,5475,5476,5483,5484,5532-5545,5624-5627,5646-5651,5700-5709,5758-5767,5808,5809,5824,5842,5843,5860,5861,5874,5888,5902,5903,5916,5917,5930,5931,5940,5941,5965-5967,5987-5994,5998-6017,6044,6045,6060,6078,6079,6096,6097,6110,6123,6136,6137,6150,6151,6164,6165,6170-6172,6199-6201,6221-6228,6232-6251,6293-6304,6356-6363,6449-6460,6512-6519,6772,6775,6848,6849,7007,7008,7087,7090-7092,7624,7638,7639,7690,7706,7715,7723,8553-8555,8557,8558,8560,8561,8587-8589,8600,8601,8603,8604,8612-8614,8639,8640,8643,8644,8646,8647,8662,8663,8684-8687,8689,8690,8713,8714,8729,8730,8732,8733,8772,8773,8775,8776,8815,8816,8818,8819,8858,8859,8861,8862,8901,8902,8904,8905,8944,8945,8947,8948,8987,8988,8990,8991,9030,9031,9033,9034,9105,9108-9113,9128,9131-9136,9151,9154-9159,9174,9177-9182,9197,9200-9205,9207,9209-9212,9215,9217,9219-9224,9226,9228-9231,9233,9235-9247,9249,9255,9256,9258,9260-9265,9267,9269-9272,9274,9276-9288,9991,10027,10030,10047,10096,10460-10464,10470-10474,10480-10484,10597,10599,10601-10607,10609,10616,10618,10623,10625,10628,10630-10637,10639,10641,10643,10644,10646,10648,10653,10655,10688,10693-10695,10700-10702,10718-10720,10853,10855,10993,10994,10999-11004,11017,11018,11023-11028,11202-11217,11477,11478,11482,11484,11486,11488,11490,11492,11494,11496,11498</p> <p>CEN</p> <p>RC10 seismos y-</p> <p>RC2 SLS - Characteristic RC3 SLS - Frequent RC4 SLS - Quasi-permanent</p>
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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
73	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	74	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.384		RC10	0.00	≤ 1	CS100) Negligible internal forces
1.152		RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.768		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
1.152		RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.768		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
75	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.152	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. t	

Project:

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Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.5 and 6.2.8	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	76	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
77	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
78	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
79	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
80	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
81	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	82	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.768		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
83		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	84	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
85		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
86	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
87	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
88	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
89	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
90	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
91	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
92	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	93	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.384	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.768		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.384		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
94		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.384	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
	0.768	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.152	RC10	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
	1.152	RC10	0.11	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
95	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	96	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
145	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
146	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
147	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
148	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	149	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
150	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
151	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
152	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
153	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
154	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
155	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
156	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
157	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
158	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
159	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	160	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152		RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.768		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.152		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
161	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
162	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
163	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
317	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
318	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
319	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
320	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
321	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
322	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	323	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
324	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.768	RC10	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
325	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
326	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
327	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.04	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
328	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
355	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	358	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768		RC10	0.03	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
361	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.03	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.768	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.768	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
364	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
469	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
470	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
471	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
472	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC10	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	and 6.3.1.2(4)
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
473	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
474	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
475	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
476	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
477	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.152	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	478	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
479	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
480	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
507	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
510	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
513	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
516	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
581	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
582	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
583	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
592	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
605	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
606	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
607	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
616	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
701	0.000	RC2	0.00	≤ 1	SE400	and 6.3.1.2(4) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
702	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
703	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
704	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
705	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
706	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
707	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
708	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	709	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.768		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
710	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
711	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
712	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
713	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	714	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
1.152		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
715		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
716	0.384	RC2	0.01	≤ 1	SE406)	z-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
717	0.384	RC2	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
718	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
719	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
720	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
721	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
856	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	857	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.500		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.500		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.500		RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.500		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.000		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.000		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.000		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.000		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.000		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
858		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
y-direction					
859	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	866	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.315		RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.315		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.315		RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.315		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.315		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.315		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.315		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
867	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
868	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.315	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.315	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
869	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
876	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
877	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	878	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.000		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.500		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.000		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.500		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
879	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
880	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.750	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
881	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.125	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.375	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.125	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
882	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
883	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
884	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
894	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
895	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
896	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
897	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
898	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.125	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.125	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
899	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.125	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.125	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
900	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.188	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.188	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.188	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.188	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.188	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.188	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.188	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	901	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.500		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.000		RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.500		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.500		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.000		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.000		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.000		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.000		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
902		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.750	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.750	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
903	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.375	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.375	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.750	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.750	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.375	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.750	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.375	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.750	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.375	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.375	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
904	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.500	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.500	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.500	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	905	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.000		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.000		RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.000		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.500		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.500		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.500		RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.500		RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.500		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
906		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.315	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.315	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.315	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	907	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	908	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
909	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
910	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.893	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.893	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.893	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.446	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.893	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.446	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.893	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
911	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.893	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.893	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.446	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.446	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.446	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.893	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.080	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.080	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.080	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.080	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
912	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.080	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	913	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.080		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.080		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.080		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
914		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.750	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.750	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.125	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.750	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.750	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
915	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.125	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.125	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.125	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
916	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
917	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
918	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
919	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
920	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
921	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
						y-direction	
922	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	923	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
924	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
925	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
926	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.384	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.384	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
					2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
927	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
928	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
929	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
930	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
931	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
932	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
933	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	986	0.768	RC2	0.01	≤ 1	SE406)
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.315		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.315		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
987	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
988	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.315	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
989	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
990	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.315	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
991	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
992	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
993	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.750	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.750	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1007	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.125	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1008	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1009	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.800	RC10	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
1016	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.375	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.375	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1017	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.125	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1020	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.750	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.125	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.125	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1021	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.125	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1022	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.200	RC10	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
1.200	RC10	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.06	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1023	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1024	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1.125	RC10	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1.500	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC10	0.13	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	1.500	RC10	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1.125	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1025	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1034	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description		
1035	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
	1.500	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
	1.500	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations			
0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction			
0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction			
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction			
1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction			
1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction			
1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction			
1036	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	1037	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.500		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.500		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.500		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.750		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.750		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.750		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.125		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.125		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.125		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1038		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
		1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	1039	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1040	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.800	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.800	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.800	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.200	RC10	0.18	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.200	RC10	0.18	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.200	RC10	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1041	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.800	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.800	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.200	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.200	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1042	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.500	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.125	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1043	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.500	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.125		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.500		RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.750		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.750		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.750		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1044	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1045	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1046	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.315		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.315		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.315		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.315		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.315		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.315		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.315		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.315		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1047	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1048	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1049	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1050	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC10	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1051	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.200	RC10	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.200	RC10	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC10	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1052	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1053	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1102	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1103	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1104	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1105	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1106	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1107	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1128	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1129	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1130	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1145	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1146	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1147	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1162	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1163	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1164	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1181	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.194	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.387	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1182	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.309	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1183	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.310	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1223	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.387	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.387	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1234	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.309	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1235	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.155	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1268	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1269	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1270	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1271	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1272	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1273	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.768		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1274	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1275	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1276	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1277	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1301	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.387	RC10	0.00	≤ 1	CS100)	Negligible internal forces	

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1302	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.617	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1303	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1324	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1325	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1326	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1327	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1328	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1329	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1350	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1351	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1352	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1367	0.768	RC2	0.01	≤ 1	SE406)	z-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1368	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1369	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1384	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1385	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.384		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1386	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1409	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1414	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.309	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1415	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.155	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1490	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1491	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1492	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1493	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1494	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1495	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1496	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1497	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1498	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1499	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1526	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1527	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1528	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1529	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1530	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1531	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1532	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1533	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1546	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1547	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1548	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.960	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.960	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1549	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1550	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1551	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.500		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.500		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.500		RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.000		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.500		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.500		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.000		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.000		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1552	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.960	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.960	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1553	0.480	RC2	0.00	≤ 1	SE406)	z-direction Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1572	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.080	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1573	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.161	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.161	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1583	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.125	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1584	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.080	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.161	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1585	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.080	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.161	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.161	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1586	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.786	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.786	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.179	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.786	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.786	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.786	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.786	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.786	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.786	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.786	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1587	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.179	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.179	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.393	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.393	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.786	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.786	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.786	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.786	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1591	Cross-section No. 5 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.861	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.861	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.861	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.861	RC10	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.396	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.396	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.396	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1595	Cross-section No. 5 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.396	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.396	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.396	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.396	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1596	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 5 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.396	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.396	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.396	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.465	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1618	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1619	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1620		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1621	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1622	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.5 and 6.2.8
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1623	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1636	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1637	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1638	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1639	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1640	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1641	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1692	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1693	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1694	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1701	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
1702	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1703	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1740	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1741	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1742	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1749	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1797	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1828	0.000	RC10	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
0.000		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.03	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
0.000		RC10	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1829	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1830	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1837		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1838	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1839	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1870	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1871	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1872	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1879	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description		
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	1880	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	1881	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
		0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
		0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
		0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
		0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	1914	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
		1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
		0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
		1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
		1.152	RC10	0.03	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
		1.152	RC10	0.07	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
		0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
		0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
		0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
		0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
		0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
		0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	1915	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
		1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
		1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
		0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
		0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
		0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
		0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
		0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
		0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
		1916	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
			0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
		0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
		0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
		0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1923	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1924	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1925	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1952	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1953	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1954	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
	0.768	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.03	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
	1.152	RC10	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2002	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2009	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2010	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2011	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2044	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
2045	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.152	RC10	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.03	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2046	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.768		RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.768		RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2053	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.07	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2054	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2055	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.768	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.768		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.00	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6	
0.384		RC10	0.02	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.152		RC10	0.01	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.768		RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2100	0.768	RC2	0.02	≤ 1	SE406)	z-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2101	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2102	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2103	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2104	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2105	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2118	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
2119	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
2120	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2121	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
2122	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
2123	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
y-direction					
2174	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2175	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2176	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2183	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2184	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2185	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	z-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2222	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2223	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2224	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2231	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2232	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2233	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
2268	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2269	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2270	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2277	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2278	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2279	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2310	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.02	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2311	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2312	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2319	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2320	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2321	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2358	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2359	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2360	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2367	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2368	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2369	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2406 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2407 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
2408 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2415 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2416 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2417	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2450	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2451	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2452	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2459	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2460	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.5 and 6.2.8	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2461	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
		0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		0.768	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2494	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2495	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
2496	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2503	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2504	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2505	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2532	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2533	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2534	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2541	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.152	RC10	0.00	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2542	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2543	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2582	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.768	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2583	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2585	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC10	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2586	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2600	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2602	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2603	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2605	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	acc. to 6.2.9.1	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2656	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.768	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2657	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2665	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2667	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2704	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC10	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.768	RC10	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2705	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2713	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2715	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2747	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2749	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2750	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.768	RC10	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2751	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2759	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2761	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2765	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	2767	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2792	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2793	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2801	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
2803	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2840	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2841	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2849	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.384	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.384	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2851	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
y-direction					
2871	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2873	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2875	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2877	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2888	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2889	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2897	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2899	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2932	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2933	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
2941	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.768	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2943	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2976	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768		RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2977		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2985	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2987 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3014 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.384	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.384	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.152	RC10	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
1.152	RC10	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.768	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3015 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3023 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3025 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3054 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.384	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.384	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3055 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3063 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3065 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3140	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3141	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3142	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3143	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3144	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3145	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3146	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3147	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.152	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3206	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3207	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3209	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC10	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
3210	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3224	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.012	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.012	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.012	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
3226	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3227	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.012	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.012	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
3229	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3280	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.012	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.012	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
3337	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.012	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.012	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
3339	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3371	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3373	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3374	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3375	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3383	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.012	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3385	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3389	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3391	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3416	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.768	RC10	0.01	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
3417	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3425	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
3427	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3464	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3465	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.384	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3473	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
3512	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
3513	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
3521	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
3523	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	3521	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
3523		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
3549	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	3549	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	3556	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS123)	or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3557	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3565	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3567	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3600	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.152	RC10	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	1.152	RC10	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3601	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3609	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.012	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3638	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.384	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.384	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
3647	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.012	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
3649	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
3678	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
3679	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
3687	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3689	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3764	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3765	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3766	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3767	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3768	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3769	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3770	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3771	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3843	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
3854	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
3896	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
3897	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3902	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
3903	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3966	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.842	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3967	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3990	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.074	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.074	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6		
0.074	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.074	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6		
0.074	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.147	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.421	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.421	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.421	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.421	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.842	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.147	RC10	0.00	≤ 1	CS100)	Negligible internal forces		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
4070	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.842	RC10	0.01 ≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC10	0.01 ≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00 ≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00 ≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00 ≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4071	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00 ≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00 ≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00 ≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01 ≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00 ≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00 ≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4092	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.074	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.147	RC10	0.00 ≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC10	0.00 ≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4093	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.842	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.842	RC10	0.01 ≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC10	0.01 ≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4094	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01 ≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01 ≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.00 ≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00 ≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00 ≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4115	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00 ≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00 ≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4116	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.421	RC10	0.00 ≤ 1	CS100)	Negligible internal forces
	0.842	RC10	0.00 ≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC10	0.00 ≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00 ≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01 ≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4117	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4138	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.074	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.147	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
4139	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.421	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.842	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4140	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4184	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4203	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4204	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.952	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4205	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.952	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4206	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4207	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4208	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
4234	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4235	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4261	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4262	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4294	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4295	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4296	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
4297	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
4337	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4341	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4409	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.476	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4410	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.476	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4413	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.476	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.952	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.476	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
4414	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
4417	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4418	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4605	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4606	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
4607	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.315	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.315	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.315	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.315	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.315	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.315	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.315	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4608	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.000		RC10	0.00	≤ 1	CS100) Negligible internal forces	
1.500		RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.500		RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.500		RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.500		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.500		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.000		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.000		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.000		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4615		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.125	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.125	RC10	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.125	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.125	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4616	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.800		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.800		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.800		RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.21	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.800		RC10	0.23	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.400		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.800		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.800		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.400		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.400		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.400		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4620		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.125	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.125	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.125	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.125	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.125	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.125	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y	

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
4622	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4623	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4624	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.375	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4629	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4630	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.375	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4631	0.750	RC2	0.00	≤ 1	SE406)	z-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4632	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4633	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.125	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4634	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4635	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4636	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4637	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4638	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4881	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4890	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4901	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4902	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.952	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4903	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4904	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4905	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4906	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4907	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4908	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4909	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4910	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4911	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4912	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4913	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4914	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4915	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.152	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4916	0.768	RC2	0.01	≤ 1	SE406)	z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4917	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4918	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4919	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4920	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
						y-direction	
4921	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.17	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.17	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4922	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.19	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.19	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4923		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4924	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4925		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
4926	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4927	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4928	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4929	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4930	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4931	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4932	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4933	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.152	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.152		RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4934		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4935	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
4936	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.768	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.16	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.21	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4937	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.768		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4938		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4939	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4940		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4941	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4942	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4943	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4944	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4945	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4946	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4947	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4948	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4949		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4950	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4951	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4952	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4953	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4954	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4955	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
1.152	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4961	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.768		RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4962		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.768	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4963	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4978	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4981	0.384	RC2	0.00	≤ 1	SE406)	z-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
4988	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
4989	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4990	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4991	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	5172	0.000	RC10	0.00	≤ 1	CS100)
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
5173	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
5174	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
5175	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.952	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.952	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
5176	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.952	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.952	RC10	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.476	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5177	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.952	RC10	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.476	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5178	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.952	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.476	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5242	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5243	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5244	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5245	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5246	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5247	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5248	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5249	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5250	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.152	RC10	0.02	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5251 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5252 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5253 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5254 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5255 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5256	0.476	RC2	0.00	≤ 1	SE406)	z-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5257	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
5258	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
5259	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
5260	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
5261	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	5262	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.476	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.952	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5263	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5264	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 5 - RO 48.3x3 EN 10219-2:2006							
5406	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.396	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.396	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.396	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.861	RC10	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.396	RC10	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.396	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.396	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.396	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5451	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5452	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5459	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5460	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5467	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
5468	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5475	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5476 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
5483 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
5484 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5532 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
5533 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
5534 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC10	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5541	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5542	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.315	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.315	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.315	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5543	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.500	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5544	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.315	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.315	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
5545	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5624	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5625	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5626	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.315		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.315		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.629		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.315		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.315		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.315		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.315		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
5627	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5646	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.775		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.775		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.388		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.388		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.388		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
5647	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5648	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.388		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.775		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.775		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.388		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.388		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.388		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.388		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.388		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.388		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5649		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.388	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5650	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.388	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.388	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.388		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.388		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.388		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.388		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.388		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.388		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.388		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5651	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.388	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.388	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5700	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5701	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5702	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5703	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5704	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5705	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5706	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5707	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5708	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5709	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
5758	1.000	RC2	0.00	≤ 1	SE406)	z-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.315	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5759	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5760	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.315	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.315	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.629	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.629	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5761	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.125	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5762	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.952		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.952		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

Project:

Model: Oikia Paidwn_phase 2_R11

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	5763	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5764	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.952	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.952	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5765	0.476	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.952	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.952	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.952	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5766	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.952	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
5767	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.476	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.476	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.952	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	

Project:

Model: Oikia Paidwn_phase 2_R11

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5808	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5809	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5824	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5842	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5843	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
5860	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5861	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.768		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.384		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5874		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	5888	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.384		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
5902	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.384	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
5903	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5916	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5917	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5930	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5931	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5940	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
5941	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
5965	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
5966	0.384	RC2	0.00	≤ 1	SE406)	z-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5967	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5987	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
5988	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5989	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5990	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5991	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5992	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5993	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5994	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5998	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
5999	0.384	RC2	0.00	≤ 1	SE406)	z-direction Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	6000	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6001		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.800	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.800	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.200	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.200	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.200	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.400	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6002	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.200		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.200		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.400		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.400		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.400		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.400		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.400		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.400		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6003		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
6004	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.800	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.800	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.800	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.800	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6005	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6006	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6007	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6008		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6009 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6010 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.500	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6011 Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.160	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.160	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.160	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6012 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6013 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		

Project:

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.960	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.960	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.960	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
6014	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.480	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.960	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.960	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6015	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.480	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.480	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.480	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.960	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6016	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.480	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.480	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.480	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.960	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6017	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.480	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.480	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.960	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.480	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.960	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.960	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6044	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6045 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6060 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6078 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6079 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6096 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
y-direction						
6097	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6110	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	6123	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6136	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6137	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6150	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6151	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
6164	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6165	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6170	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
6171	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
6172	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
6199	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6200	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6201	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6221	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	6222	0.768	RC2	0.00	≤ 1	SE406)
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6223	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6224	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
6225	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6226	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6227	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6228	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.500		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.000		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.500		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.500		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.500		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.500		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6232	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6233	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	to 6.2.5 and 6.2.8
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Negligible deformations
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6234	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6235	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.800	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6236	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6237	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6238	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.08	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.400	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	6239	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
6240	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
6241	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
6242	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
6243	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.5 and 6.2.8	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	acc. to 6.2.9.1	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6244 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6245 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6246 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6247 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6248 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	6249 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
6250 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.480	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.480	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.480	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.960	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.480	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.960	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.960	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6251 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.480	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.480	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.960	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.480	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.960	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.960	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6293 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
6294 Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
					y-direction
6295	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
6296	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6297	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6298	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6299	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6300	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
6301	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6302	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6303	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6304	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6356	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6357	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6358	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6359	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.152		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6360		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6361	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6362	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
6363	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6449	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6450	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6451	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6452	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6453	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

Project: Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
y-direction							
6454	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6455	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	6456	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6457	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	6458	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6459	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6460	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6512	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6513	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6514	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6515	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6516	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6517	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6518	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6519	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6772	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.182	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.182	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6775	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6848	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
6849	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.952	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
7007	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
7008	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
7087	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	CS201)	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.05	≤ 1	CS116)	
7090	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.05	≤ 1	CS151)	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.000	RC2	0.00	≤ 1	SE400)	
0.384	RC2	0.01	≤ 1	SE401)		
0.384	RC3	0.01	≤ 1	SE402)		
0.384	RC4	0.01	≤ 1	SE403)		
7091	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC2	0.00	≤ 1	SE400)	
	0.384	RC2	0.01	≤ 1	SE401)	
	0.384	RC3	0.01	≤ 1	SE402)	
	0.768	RC4	0.01	≤ 1	SE403)	
	0.768	RC2	0.00	≤ 1	SE406)	
	0.768	RC3	0.00	≤ 1	SE407)	
	0.768	RC4	0.00	≤ 1	SE408)	
0.768	RC4	0.00	≤ 1	SE408)		
7092	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC2	0.00	≤ 1	SE400)	
	0.768	RC2	0.01	≤ 1	SE401)	
	0.384	RC3	0.01	≤ 1	SE402)	
	0.384	RC4	0.01	≤ 1	SE403)	
	0.768	RC2	0.00	≤ 1	SE406)	
	0.768	RC3	0.00	≤ 1	SE407)	
	0.768	RC4	0.00	≤ 1	SE408)	
0.768	RC4	0.00	≤ 1	SE408)		
7624	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.05	≤ 1	CS116)	
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.05	≤ 1	CS151)	
7638	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS101)	
	0.000	RC10	0.01	≤ 1	CS102)	
	0.500	RC10	0.02	≤ 1	CS116)	
	1.000	RC10	0.00	≤ 1	CS123)	
	0.500	RC10	0.02	≤ 1	CS151)	
	1.500	RC10	0.05	≤ 1	CS201)	
1.500	RC10	0.05	≤ 1	CS201)		
7639	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.05	≤ 1	CS116)	
	1.000	RC10	0.00	≤ 1	CS123)	
1.500	RC10	0.05	≤ 1	CS151)		
7690	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.08	≤ 1	CS116)	
	1.000	RC10	0.00	≤ 1	CS123)	
	1.500	RC10	0.08	≤ 1	CS151)	
1.500	RC10	0.08	≤ 1	CS151)		
7706	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.08	≤ 1	CS116)	
	1.000	RC10	0.00	≤ 1	CS123)	
1.500	RC10	0.08	≤ 1	CS151)		
7715	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.500	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.500	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.500	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
1.500	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.500	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
8553	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
8554	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	8555	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
8557		1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
8558	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
8560	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8561	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8587	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8588	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8589	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8600	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8601	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8603	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8604	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8612	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.152		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8613	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8614	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8639	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8640	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
8643	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.02	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.768	RC10	0.02	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8644	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8646	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8647	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8662	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
8663	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8684	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
1.152		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.768		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.768		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.768		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8685		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8686	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.768		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.768		RC10	0.04	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.384		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.384		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.384		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8687		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
	0.768	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.152	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8689	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
8690	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8713	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8714	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8729	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8730	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.768		RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.152		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8732	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8733	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8772	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8773	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8775	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8776	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8815	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8816	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8818	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8819	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.152		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8858		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8859	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8861	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8862	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8901	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8902		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
y-direction							
8904	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8905	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.152		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.152		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.384		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8944		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8945	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8947	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
8948	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
8987	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8988	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.768		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.768		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.152		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.768		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.768		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.768		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8990		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8991	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.152	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	9030	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.768	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9031	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	9033	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.768		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.384		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.384		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9034		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.768	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.768	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.152	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9105	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9108	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9109	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9110	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9111	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9112	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9113	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9128	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9131	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9132	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9133	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9134	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9135	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9136	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9151	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9154	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9155	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9156	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	9157	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.727		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.727		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.727		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
9158		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	9159	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.090	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	9174	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	9177	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9178	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9179	0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9180	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9181	0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.090	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9182	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9197	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9200	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9201	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
9202	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	9203	0.363	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.363		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.363		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.363		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9204	0.727	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.090	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	1.090	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9205	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006							
9207	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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						y-direction
9209	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9210	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9211	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9212	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9215	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9217	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9219	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9220	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9221	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9222	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9223	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9224	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9226	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9228	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9229	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9230	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9231	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9233	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9235	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9236	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
					z-direction
9237	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9238	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9239	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.500	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9240	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9241	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9242	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9243	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.500	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9244	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9245	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9246	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9247	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	1.500	RC10	0.00	≤ 1	CS100) Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9249	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.440	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.440	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.440	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9255	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.074	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.074	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.074	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9256	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9258	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9260	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9261	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9262	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9263	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
9264	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9265	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	9267	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.320		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.320		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.320		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9269	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9270	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9271	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9272	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9274	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9276	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9277	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9278	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9279	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9280	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9281	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9282	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9283	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9284	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9285	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9286	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
9287	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
9288	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
9991	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
10027	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10030	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.147		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.074		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.147		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.147		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.074		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.074		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.074		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.074		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
10047	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.421	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10096	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.194	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.194	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.194	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10460	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
10461	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	10462	0.000	RC10	0.00	≤ 1	CS100)
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.727		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.727		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.727		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
10463	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	10464	0.000	RC10	0.00	≤ 1	CS100)
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.727		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.727		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.727		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
10470	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
10471	1.090	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	10472	1.090	RC10	0.00	≤ 1	CS100)
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.363		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.363		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.363		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.727		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.727		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.727		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
10473		1.090	RC10	0.00	≤ 1	CS100)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
10474	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.727	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.727	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.363	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.363	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.363	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10480	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.090		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.727		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.727		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.727		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10481		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
		1.090	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
		0.727	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.727	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.727	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.727	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.727	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10482	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.090		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.363		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.363		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.363		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10483	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.090	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.363	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.363	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.363	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.727	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.727	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.727	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10484	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
1.090		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.727		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.727		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.727		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10597	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.760	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.760	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.760	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10599	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.320	RC2	0.04	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.440	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.440	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.440	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10601	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10602	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10603	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.440	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.440	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.440	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10604	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10605	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10606	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10607	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10609	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10616	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10618	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.125	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.125	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.125	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
					z-direction
10623	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10625	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10628	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10630	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10631	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10632	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.440	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.440	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.440	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10633	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
1.760	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.760	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10634	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
10635	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10636	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
1.320		RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
1.320		RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
1.320		RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10637	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10639	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	2.640	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10641	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.617	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10643	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.074		RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.074		RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
0.074		RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.147		RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.074		RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.074		RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.074		RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.074		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
10644	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.421	RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.421	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10646	0.421	RC2	0.00	≤ 1	SE406)	z-direction Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
10648	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
10653	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.320	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
10655	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	2.640	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
10688	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	10693	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.194		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
0.194		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.194		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.194		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.194		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.194		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.194		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.194		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10694		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.617	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.309	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
10695	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.155	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.155	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.310	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.310	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.155	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC10	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
0.310	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
10700	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.194	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.194	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.194	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10701	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.617	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.617		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.309		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.309		RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.309		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.309		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.309		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.309		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.309		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10702		Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.155	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.310	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.155	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.155	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.310	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC10	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.310	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.155	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.155	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10718	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
10719	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10720	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.152	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10853	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.155	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.155	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.155	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10855	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.617	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.309	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10993	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
10994	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
10999	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11000	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11001	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11002	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11003	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.500	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
11004	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
11017	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11018	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11023	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11024	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11025	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.500	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC10	0.02	≤ 1	CS201)	
11206	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.03	≤ 1	CS116)	
	1.500	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11207	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.04	≤ 1	CS116)	
	1.500	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11208	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.02	≤ 1	CS116)	
	1.152	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11202	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS116)	
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11203	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS116)	
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11204	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.01	≤ 1	CS116)	
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11205	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS116)	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11206	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS101)	
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11207	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS116)	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11208	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3
	1.000	RC10	0.00	≤ 1	CS101)	
	1.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11209	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC10	0.01	≤ 1	CS116)	
	1.500	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11210	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
11211	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
11212	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11213	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.958	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.958	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11214	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.958	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11215	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11216	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.479	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11217	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.479	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11477	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11478	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.376	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11482	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11484	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11486	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.128	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11488	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11490	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.376	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11492	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.376	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11494	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.752	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11496	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.752	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11498	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.128	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.128	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.128	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

Model: Oikia Paidwn_phase 2_R11

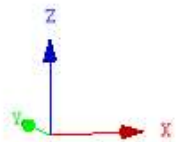
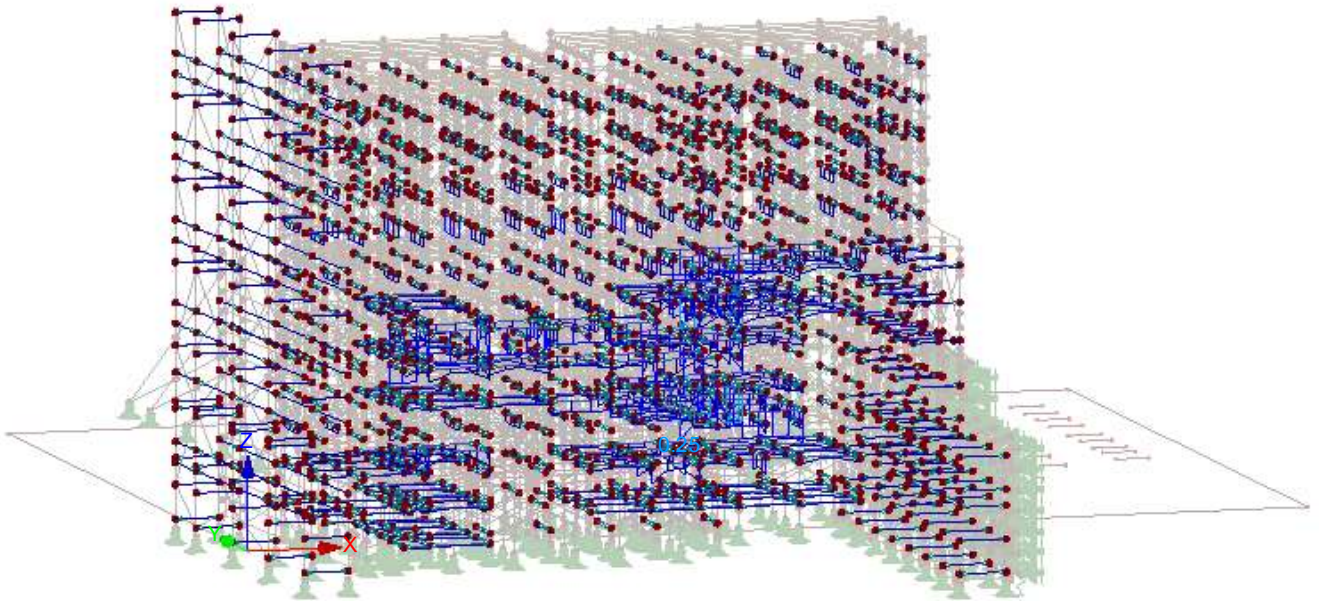
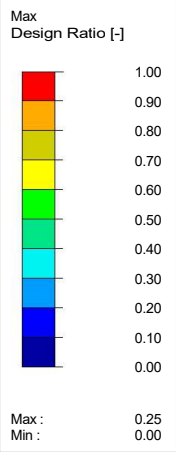
Date: 4/10/2023

DESIGN RATIO

RF-STEEL EC3 CA2

Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric



Max Design Ratio: 0.25

RF-STEEL EC3
CA3
Diagonals

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

1.1 GENERAL DATA

Members to design:	57-68,71,72,185-196,262,305-316,373-384,457-468,525-536,661-676,820-835,1098-1101,1188-1191,1196-1199,1244-1251,1320-1323,1410-1413,1418-1421,1466-1473,1567,1574-1578,1614-1617,1646-1649,1722-1729,1736-1739,1754-1757,1782-1785,1800-1803,1866-1869,1884-1887,1982-1989,1996-1999,2014-2017,2074-2081,2096-2099,2128-2131,2204-2211,2218-2221,2236-2239,2264-2267,2282-2285,2342-2349,2388-2395,2402-2405,2420-2423,2480-2487,2578-2581,2610-2613,2686-2693,2700-2703,2718-2721,2824-2831,2884-2887,2902-2905,2962-2969,3084-3091,3202-3205,3234-3237,3310-3317,3324-3327,3342-3345,3448-3455,3508-3511,3526-3529,3586-3593,3708-3715,4057-4068,4161-4172,4492-4499,4559-4566,4660,4661,4670,4671,4705-4708,4712,4713,4718,4719,4732,4733,4738,4739,4765-4768,4785-4788,4792,4793,4798,4799,4825-4828,5124-5127,5381-5396,5516-5531,5616-5623,5680-5687,5738-5745,5788,5789,5802,5803,5830,5831,5838,5839,5848,5849,5856,5857,5946-5953,6024,6025,6038,6039,6066,6067,6074,6075,6084,6085,6092,6093,6180-6187,6305-6316,6384-6391,6400-6403,6461-6472,6540-6547,6556-6559,6599-6602,7093,7822,7857,8447,8556,8559,8562,8563,8590-8593,8615,8619,8620,8627,8651-8654,8676-8679,8696-8699,8721-8724,9089,10014,10019,10427-10459,10598,10600,10608,10610,10611,10699,10713,10814-10821,10823-10832,10857-10860	
Sets of members to design:		
National Annex:	CEN	
Ultimate Limit State Design Result combinations to design:	RC10	seismos y-
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
57	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.26	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	58	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
2.052		RC10	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.12	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641		RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
1.641		RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.641	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
59	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	60	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	61 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
62 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
63 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
64 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
65 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	66 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
67 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
68 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
71 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
72	0.922	RC2	0.04	≤ 1	SE406)	z-direction	
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.461	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.461	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.461	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
185	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
186	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
187	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
188	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.832	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.916	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.458	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.458	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.458	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
190	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.052	RC10	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC10	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
191	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.832	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.832	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.916	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.458	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.458	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.458	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
192	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.052	RC10	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC10	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.06	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.02	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	193	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.01	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
		0.513	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.513	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.513	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.513	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations	
	0.256	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.256	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.256	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.256	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.256	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.256	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
194	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.374	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.916	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.916	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.916	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.916	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.916	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
195	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.916	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.832	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.916	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.374	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.374	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.374	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
196	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.458	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.458	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.916	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.832	RC10	0.01	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.374	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.374	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.916	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.916	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.916	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.916	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.916	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.916	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
262	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
305	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
306	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.19	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.19	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
307	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
308	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
309	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.28	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.28	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
310	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	312	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
313	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
314	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.23	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.23	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
315	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	316	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
373	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
374	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.641	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
375	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
376	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
377	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
378	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	379	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
380	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
381	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
382	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
383	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
384	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
457	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.821	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
458	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
459	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.18	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.18	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	and 6.3.1.2	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	460	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
461	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
462	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
463	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.641	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.19	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.19	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
464	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
465	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
466	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
467	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.20	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.20	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	525 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
526 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
527 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000	RC10	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
528 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.821	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.821	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	530	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
0.821		RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.410		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
531	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
532	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
533	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
534	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
535	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
536	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	661	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.052		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.641		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.641		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
y-direction							
662	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	663	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.821		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
664		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	665	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
666	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
667	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
668	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
669	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
670	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
671	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
672	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
673	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	674	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
675		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	676	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	820	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.705	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
821	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
822	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.705	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
823	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.852	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.852	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
824	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.279	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
825	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.852	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
826	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.852	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
827	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.852	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	828	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		1.279	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
1.279		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.426		RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.426		RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.705		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
829	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.426	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.426	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.852	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.705		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.705		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.705		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.279		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.279		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
832		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	833	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.705	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	834	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
835	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.426	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.426	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1098	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1099	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1100	1.641	RC2	0.01	≤ 1	SE406)	z-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1101	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1188	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1189	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.052	RC10	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC10	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	1.641	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
1190	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1191	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	2.052	RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1196	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.849		RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.849		RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.698		RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.11	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.849		RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849		RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.849		RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1197	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.849	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.13	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1198	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.09	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.698	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.273	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.273	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.273	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1244	0.852	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.279	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.279	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1245	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1246		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1247	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.705		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.705		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.705		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.852		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.279	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.279	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1248	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1249	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.852	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.279	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.279	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1250	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1251	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.852	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.279	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.279	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.279	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1320	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1321	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1322	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.821	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1323	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.231	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
y-direction							
1410	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1411	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1412	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.821	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1413	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.231		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
2.052		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.231		RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1418		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1419	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.849	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1420	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.849	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1421	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.849	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.698	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.849	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1466	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
1467	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.279	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.279	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.279	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.705	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.705	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.705	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	1.279	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.426	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.426	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.426	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1469	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.426		RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.426		RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.426		RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.426		RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.426		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.426		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.426		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1470		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.705	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.705	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.705	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1471	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.279	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.279	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.279	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1472	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.426	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1473	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.426	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.426	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.852	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.426	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1567	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1574	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.110	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1575	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1576	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.440	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.440	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.440	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.319	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.879	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.879	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.440	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.879	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.879	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.879	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1577	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC10	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC10	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.220	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC10	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.11	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.110	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
1578	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.220	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7
	0.110	RC10	0.01	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.220	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	CS206) Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.00	≤ 1	CS226) Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.11	≤ 1	CS271) Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.110	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.110	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.110	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.110	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.110	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.110	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1614	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.07	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.05	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.02	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1615	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.09	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.14	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.05	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1616	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.16	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.02	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
1617	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.02	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1646	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1647	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.641		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.641		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.052		RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
2.052		RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231		RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231		RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1648		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1649	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.410	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.410	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1722	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1723	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1724	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.849	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1725	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.273	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.15	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.15	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.15	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1726	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1727	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1728	0.424	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.273	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.273	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1729	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
1736	0.849	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1737	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1739	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1754	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1755	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1756	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1757	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.410	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.410	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1782	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
1783	0.821	RC2	0.07	≤ 1	SE406)	z-direction	
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1784	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1785	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.231	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
1800	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.14	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
1801	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.07	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.11	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.04	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1802	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.14	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1803	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.10	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.02	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1866	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.17	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.41	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.03	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1867	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.13	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	2.052	RC10	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1868	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1869	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	2.052	RC10	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1884	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1885	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1887	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1982	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.698		RC10	0.16	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.273		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.698		RC10	0.16	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.698		RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.849		RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849		RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.849		RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.273		RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.273		RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.273		RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1983	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1984	0.424	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.16	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.16	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	1985	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1986	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.698	RC10	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	1.698	RC10	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1987	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1988	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1989	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.698	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.849	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1996	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1997	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1998	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
1999	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC10	0.07	≤ 1	ST302)	acc. to 6.2.9.1 Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC10	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2014	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2015	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2016	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2017	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2074	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2075	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.698	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.698	RC10	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.698	RC10	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.849	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2076	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.273	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.273	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.698	RC10	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.698	RC10	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.273	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2077	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.424	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
y-direction							
2078	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.424	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2079	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.698		RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.698		RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.849		RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849		RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.849		RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.273		RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.273		RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.273		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2080		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.424	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2081	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.273	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.273	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2096	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
2.052		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821		RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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2097	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2098	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2099	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2128	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.15	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2129	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.052	RC10	0.07	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2130	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2131	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2204	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.273	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.698	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.698	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.10	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2205	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.849	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.16	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.16	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
2206	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.273	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.698	RC10	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.273	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.698	RC10	0.10	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.273	RC2	0.10	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.273	RC3	0.03	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.273	RC4	0.02	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2207	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.15	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.15	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.849		RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849		RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.849		RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424		RC2	0.12	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424		RC3	0.04	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.424		RC4	0.02	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2208		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		1.273	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.273	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.273	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.17	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2209	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.424	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.698	RC10	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.10	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.22	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.07	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2210	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		1.698	RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.698		RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.849		RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.849		RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.849		RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.849		RC2	0.17	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.849		RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.849		RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2211		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		1.698	RC10	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.698	RC10	0.10	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.22	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.07	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2218 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2219 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2220 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2221 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.12	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2236	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2237	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2238	0.000	RC10	0.00	≤ 1	CS100)
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.052		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
2.052		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
2.052		RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231		RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231		RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2239		0.000	RC10	0.00	≤ 1	CS100)
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2264	0.821	RC10	0.00	≤ 1	CS100)
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2265 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2266 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2267 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2282 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2283	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2284	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2285	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2342	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2343	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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	0.000	RC10	0.02	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2344	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2345	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2346	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2347	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2348	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2349	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2388	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.844	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2389	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.922	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.844	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.922	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2390	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2391	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.922		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.922		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.922		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.922		RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.922		RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.922		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2392	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2393	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.844	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.844	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.844	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2394	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2395	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.844	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.922	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2402	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2403	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2404	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.641	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2405	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2420	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2421	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2422	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2423	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2480	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.273	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2481 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.698	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.698	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2482 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2483 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.849	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.849	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.698	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2484 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2485	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.273	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.273	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.698	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.698	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2486	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2487	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.698	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2578	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2579	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2580	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2581	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2610	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2611	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2612	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2613 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2686 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2687 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.696	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.696	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2688 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.696	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.696	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2689 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.04	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2690	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2691	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2692	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2693	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
2700	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.410	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.410	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	2.052	RC10	0.18	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	2.052	RC10	0.18	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.20	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2701	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.641	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.641	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.15	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2702	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.901		RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.901		RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.901		RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.451		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.451		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.451		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2703		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.821	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2718	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2719	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2720	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2721	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2824	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2825 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2826 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2827 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2828 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2829 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.821	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2884	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2885	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
2886	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2887	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2902	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641		RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641		RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.641		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
2.052		RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.641		RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2903		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
2904	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2905	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2962	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.641	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
2963	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC10	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.052	RC10	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1.641	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	2964 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.410	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.410	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2965 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2966 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2967 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.641	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
2968 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	2969	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3084	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3085	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3086	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3087 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
2.052	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3088 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3089 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
2.052	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
1.641	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3090 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
3091 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.231	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3202	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.641		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3203		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3204	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3205		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
3234	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3235	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.821	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.052		RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3236	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.21	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	3237	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.11	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.231		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3310		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	1.696	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.696	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.696	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.848	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.848	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.848	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.272	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.272	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	

Project: Model: Oikia Paidwn_phase 2_R11 Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3312	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3313	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.272	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3314	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3315	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3316	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.848	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3317	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.272	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.272	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.848	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3324	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.231		RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.641		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
1.641		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
2.052		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3325	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3326	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

Project:

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
3342	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
3343	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.231	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
3344	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.052	RC10	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.052	RC10	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
3345	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3448	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.052		RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.641		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.641		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3449		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3450	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.641		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
2.052		RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.641		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3451	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
3452	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3453	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3454	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3455	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.231		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
1.231		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
3508	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3509	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000		RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
3510	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3511	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
3511	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3511	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		2.052	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
		0.000	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
3526	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3526	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		2.052	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
3527	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3528	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.052	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3586	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3587	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3589	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
3590	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3591	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.410		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3592		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	3593	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3708	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3709	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.231	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3710	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force

Project:

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.32	≤ 1	ST364)	acc. to 6.2.9.1 Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	3711	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3712	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3713	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	2.052	RC10	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
3714	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
3715	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.231	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.641	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	1.231	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4057	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.641	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4058	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
1.641		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
1.641		RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
1.641		RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4059		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.410	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	1.641	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
4060	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.17	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4061	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
1.641		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
1.641		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.410		RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1.641		RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
1.231		RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821		RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.821		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1.231		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4062		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4063	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4064	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006			
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces
1.641		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
1.641		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.03	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4065	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4066	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.231	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4067	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.641	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4068	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.641	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4161	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	2.052	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.821	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.821	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4162	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4163	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4164		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4165	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4166	0.821	RC2	0.01	≤ 1	SE406)	z-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
4167	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
4168	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	2.052	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	2.052	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
4169	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
4170	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
4171	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4172 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4492 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4493 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4494 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4495 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
4496	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.410	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4497	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4498	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.052		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4499	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	2.052	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	2.052	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	2.052	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.641	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4559	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4560	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.852	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.852	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.852	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.705	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4561	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.705	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.705	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4562	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.852		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.852		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.852		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.852		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.426		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.426		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.426		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4563		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.852	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.705	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4564	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4565	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.705	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.279	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.279	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.279	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.279	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.279	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.279	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4566	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.852	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.852	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.852	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4660	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4661	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4670	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
4671	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.16	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.05	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
2.052	RC10	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
2.052	RC10	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
4705	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.19	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.849	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.849	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.698	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
4706	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.273	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC10	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
4706	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.11	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
4707	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.698	RC10	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC10	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.16	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.06	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4708	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.698	RC10	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.698	RC10	0.10	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.698	RC10	0.10	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.849	RC2	0.23	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.849	RC3	0.08	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.849	RC4	0.05	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4712	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.12	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.04	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.03	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4713	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.821	RC2	0.12	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.04	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.02	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4718	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4719	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.17	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4732	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4733	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.13	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.04	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4739	1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.052	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.052	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.052	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231	RC2	0.18	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.06	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.04	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4765	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4766	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.641		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.641		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.821		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.821		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.231		RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231		RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4767	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.821	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	4768	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
2.052		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4785 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.922	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.922	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4786 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.922	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4787 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.922	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.922	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.922	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.922	RC2	0.09	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.922	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.922	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4788 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.844	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.922	RC2	0.06	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.922	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.922	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
4792 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	4793	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4798	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.08	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.02	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4799	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	2.052	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.641	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.641	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.641	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4825	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.698	RC10	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2	
	1.698	RC10	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
	0.000	RC10	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.849	RC2	0.07	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.849	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.849	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4826	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.849	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.849	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.849	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4827	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.273	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.424	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
4828	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.698	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.849	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.849	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.849	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.273	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.273	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.273	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5124	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5125	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.821	RC2	0.08	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.821	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.821	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5126	0.821	RC2	0.01	≤ 1	SE406)	z-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.844	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.844	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.844	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
5127	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.922	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.461	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.461	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.461	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.844	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.922	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.922	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.922	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.383	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.383	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.383	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5381	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.272	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.272	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5382	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5383	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.696	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	0.000	RC10	0.01	≤ 1	CS116)		
	0.000	RC10	0.01	≤ 1	CS151)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.848	RC2	0.03	≤ 1	SE401)		
	0.848	RC3	0.02	≤ 1	SE402)		
	0.848	RC4	0.02	≤ 1	SE403)		
	0.424	RC2	0.01	≤ 1	SE406)		
	0.424	RC3	0.00	≤ 1	SE407)		
	0.424	RC4	0.00	≤ 1	SE408)		
5384	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.272	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	0.000	RC10	0.00	≤ 1	CS101)		
	0.000	RC10	0.00	≤ 1	CS102)		
	0.000	RC10	0.01	≤ 1	CS116)		
	0.000	RC10	0.01	≤ 1	CS151)		
	0.000	RC10	0.01	≤ 1	CS201)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.848	RC2	0.03	≤ 1	SE401)		
	0.848	RC3	0.02	≤ 1	SE402)		
	0.848	RC4	0.02	≤ 1	SE403)		
	0.424	RC2	0.01	≤ 1	SE406)		
	1.272	RC3	0.00	≤ 1	SE407)		
	1.272	RC4	0.00	≤ 1	SE408)		
5385	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Stability analysis - Bending and compression acc. to 6.3.3, Method 2 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	1.272	RC10	0.01	≤ 1	CS101)		
	1.272	RC10	0.01	≤ 1	CS102)		
	0.000	RC10	0.01	≤ 1	CS201)		
	1.272	RC10	0.06	≤ 1	ST364)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.848	RC2	0.03	≤ 1	SE401)		
	0.848	RC3	0.02	≤ 1	SE402)		
	0.848	RC4	0.02	≤ 1	SE403)		
	0.424	RC2	0.01	≤ 1	SE406)		
	0.424	RC3	0.00	≤ 1	SE407)		
	0.424	RC4	0.00	≤ 1	SE408)		
5386	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.424	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	0.000	RC10	0.01	≤ 1	CS101)		
	0.000	RC10	0.01	≤ 1	CS102)		
	0.000	RC10	0.02	≤ 1	CS201)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.848	RC2	0.03	≤ 1	SE401)		
	0.848	RC3	0.02	≤ 1	SE402)		
	0.848	RC4	0.02	≤ 1	SE403)		
	0.424	RC2	0.01	≤ 1	SE406)		
	0.424	RC3	0.00	≤ 1	SE407)		
	0.424	RC4	0.00	≤ 1	SE408)		
5387	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2 Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2 Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction
	0.000	RC10	0.02	≤ 1	CS101)		
	0.000	RC10	0.02	≤ 1	CS102)		
	0.000	RC10	0.01	≤ 1	CS116)		
	0.000	RC10	0.01	≤ 1	CS151)		
	0.000	RC10	0.01	≤ 1	CS201)		
	0.424	RC10	0.05	≤ 1	ST301)		
	0.000	RC10	0.06	≤ 1	ST302)		
	0.424	RC10	0.05	≤ 1	ST311)		
	0.000	RC10	0.06	≤ 1	ST312)		
	0.000	RC2	0.00	≤ 1	SE400)		
	0.848	RC2	0.03	≤ 1	SE401)		
	0.848	RC3	0.02	≤ 1	SE402)		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5388	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5389	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.22	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.848	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.22	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5390	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.424	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.424	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.424	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.424	RC10	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.424	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.424	RC10	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.272	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5391	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5392	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.424	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5393	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.848	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5394	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.424	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.696	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.696	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.696	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5395	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.424	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.424	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
y-direction						
5396	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.848	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.848	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.848	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.424	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.272	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.272	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5516	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5517	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.425	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.425	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5518	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.850	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.850	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5519	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	5520	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5521	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5522	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5523	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
5524	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5525	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.275	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.275	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5526	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5527	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5528	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5529	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5530	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5531	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5616	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5617	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5618	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5619	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.700	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.700	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5620	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.275	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.275	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5621	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.275	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
1.275	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5622	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5623	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5680	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5681	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5682	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5683	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	1.700	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	5684 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5685 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5686 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5687 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.425	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.425	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5738	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5739	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5740	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5741	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5742	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5743	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5744	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5745	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5788	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5789	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.425		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.000		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.275		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
5802	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5803	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.700	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5830	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.850	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5831	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.275	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.700	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5838	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.275	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5839	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.275	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5848	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5849	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5856	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5857	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
5946	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5947	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5948	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.700		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.700		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.850		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.850		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5949	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.700	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.700	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
5950	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5951	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	5952	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.425	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.425	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5953	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6024	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.700	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6025	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

Project:

Model: Oikia Paidwn_phase 2_R11

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6038 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6039 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6066 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6067 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6074 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6075 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6084 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6085 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6092 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6093 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.425	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	acc. to 6.2.9.1	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Negligible deformations	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction	
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	6180	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.566	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	1.698	RC10	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.566	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	1.698	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.132	RC2	0.09	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.132	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.132	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.132	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.132	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.132	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
6181	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.002	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.002	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.002	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.002	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.002	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.002	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.568	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.568	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.134	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.134	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.134	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
6182	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
6183	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
6184	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.850	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6185	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6186	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.700		RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.850		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6187		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6305	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6306	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6307	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6308	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.641		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6309	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6310	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6311	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6312	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.231		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
6313	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6314	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6315	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6316	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
1.231		RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
1.231		RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1.231		RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.410		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.410		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.410		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6384		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6385	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6386	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.275		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
6387	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6388	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6389	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6390	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6391	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6400	0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6401	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6402	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.275		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.275		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.275		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6403		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.293	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.147	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.147	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.147	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6461	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6462 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6463 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces		
0.821	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3		
0.821	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6464 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.410	RC10	0.00	≤ 1	CS100) Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.410	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction		
0.410	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
0.410	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6465 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces		
1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations		
1.231	RC2	0.07	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction		
1.231	RC3	0.05	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction		
1.231	RC4	0.05	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.231	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction		
1.231	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction		
1.231	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6466 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces		
1.641	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3		
1.641	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	6467	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
6468	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6469	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6470	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6471	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
6472	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.641	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.641	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
6540	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
6541	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.275	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.275	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
6542	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.850	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
6543	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
6544	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6545 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.850	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6546 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.850	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6547 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6556 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.700	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
6557 Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
1.275	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
1.275	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
1.700	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
1.700	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
6558	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.700	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6559	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.700	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
6599	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.425	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.425	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.425	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.426	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.852	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.426	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6600	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.426	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.426	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.852	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.426	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.426	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
6601	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.852	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6602	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.426	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.426	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.426	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.852	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.426	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.426	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.426	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.426	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.426	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.426	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.426	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
7093	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
7822	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
7857	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.231	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.231	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.231	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8447	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8556	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z	

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.821	RC2	0.00	≤ 1	SE406)	z-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8559	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8562	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.641	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.641	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.641	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8563	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8590	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8591	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.410	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.410	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.410	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8592	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.231	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8593	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8615	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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8619	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.641	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8620	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.410	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8627	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.231	RC2	0.07	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8651	1.231	RC3	0.05	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.231	RC4	0.05	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.821	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.821	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.821	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8652	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.850	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8653	0.850	RC3	0.03	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.850	RC4	0.03	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8654	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8676	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8677	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
8678	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006							
8679	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	8696	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	8697	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	8698	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	8699	1.275	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006						
	8721	1.700	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
8722	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	1.700	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8723	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
1.700		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.850		RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.850		RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.850		RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.850		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.275		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.275		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8724		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	1.275	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.850	RC2	0.05	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.850	RC3	0.03	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.850	RC4	0.03	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.275	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.275	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.275	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	9089	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.938		RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.938		RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.938		RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.938		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.938		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.938		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10014		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.09	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.061	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.07	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
	0.061	RC10	0.00	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC10	0.09	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.12	≤ 1	CS156) Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
	0.061	RC10	0.01	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.061	RC10	0.01	≤ 1	CS166) Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8	
	0.000	RC10	0.19	≤ 1	CS271) Cross-section check - Axial stress and torsion - Elastic design	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.061	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.061	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.061	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.061	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.061	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.061	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10019	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.04	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.08	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
0.061		RC10	0.00	≤ 1	CS132) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000		RC10	0.04	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.11	≤ 1	CS156) Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8	
0.122		RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.122		RC10	0.01	≤ 1	CS166) Cross-section check - Biaxial bending, shear force and torsion a	

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.122	RC10	0.18	≤ 1	CS271)	acc. to 6.2.5 to 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Cross-section check - Axial stress and torsion - Elastic design
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Negligible deformations
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10427	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10428	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10429	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.473	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10430	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10431	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10432	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.473	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
10433	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.419	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.419	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.419	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10434	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
3.312		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
1.419		RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
1.419		RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
1.419		RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1.419		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
1.419		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
1.419		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10435		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.419	RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.419	RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.419	RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.419	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.419	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.419	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10436	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
3.312		RC10	0.00	≤ 1	CS100) Negligible internal forces	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
1.893		RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
1.893		RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
1.893		RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.946		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.946		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.946		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10437		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
	3.312	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	3.312	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	3.312	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	10438	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
		2.839	RC10	0.00	≤ 1	CS100) Negligible internal forces
3.312		RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
3.312		RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
1.893		RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
1.893		RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
1.893		RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10439		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	1.893	RC2	0.16	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.893	RC3	0.11	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	1.893	RC4	0.11	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.893	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.893	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	1.893	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10440	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006				
2.500		RC10	0.00	≤ 1	CS100) Negligible internal forces	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10441 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	2.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.667	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.667	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.667	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10442 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
2.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
2.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10443 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.500	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.500	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.500	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10444 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.946	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10445 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
2.839	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
1.893	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
1.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10446 Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10447	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10448	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.893	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10449	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10450	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10451	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10452	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10453	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.419	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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	1.419	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.419	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10454	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.419	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.419	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.419	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.419	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.419	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10455	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	3.312	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10456	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10457	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.312	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.312	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.946	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.946	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10458	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.893	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10459	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10598	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.417	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	2.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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	1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	2.083	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	2.083	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	2.083	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
	2.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
	2.500	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
	2.500	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.250	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction			
1.250	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction			
1.250	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction			
0.833	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction			
0.833	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction			
0.833	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction			
10608	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
	1.500	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	1.500	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	1.500	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	10610	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
1.419		RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
1.419		RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
1.419		RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.946		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.946		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.946		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10611		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
	2.839	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
	1.893	RC2	0.16	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
	1.893	RC3	0.11	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
	1.893	RC4	0.11	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
	2.366	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
	2.366	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
	2.366	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	10699	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.164		RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
0.000		RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		
0.000		RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.164		RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8		
0.000		RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8		
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.082		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.082		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.082		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.082		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.082		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.082		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10713		Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006						
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.082	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2		
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.082	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10814	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.777	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10815	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.777	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10816	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10817	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	1.729	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.865	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.865	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.865	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.865	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.865	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.865	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10818	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.314	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.12	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.926	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.926	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.926	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10819	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	1.388	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.926	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.926	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.926	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
10820	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	1.388	RC2	0.11	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.388	RC3	0.08	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	1.388	RC4	0.08	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.851	RC2	0.01	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.851	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	1.851	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10821	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	1.729	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.865	RC2	0.03	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.865	RC3	0.02	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.865	RC4	0.02	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.865	RC2	0.01	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.865	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.865	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10823	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.974	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.974	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	1.974	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10824	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.250	RC3	0.04	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	1.250	RC4	0.04	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.250	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.250	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	1.250	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10825	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.480	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.480	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	1.480	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10826	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	1.250	RC2	0.05	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.250	RC3	0.04	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	1.250	RC4	0.04	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.833	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.833	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.833	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10827	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.011	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.805	RC2	0.03	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.805	RC3	0.02	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.805	RC4	0.02	≤ 1	SE403	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.207	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.207	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	1.207	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10828	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	2.011	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.805	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.805	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.805	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.207	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.207	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.207	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10829	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.987	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.987	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.987	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10830	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.467	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10831	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.974	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.974	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.974	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10832	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	2.961	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.480	RC2	0.13	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.480	RC3	0.09	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.480	RC4	0.09	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10857	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.164	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.164	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.164	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10858	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.164	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10859	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.061	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.12	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC10	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10860	Cross-section No. 16 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.061	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.061	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.11	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.122	RC10	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.122	RC10	0.17	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

Project:

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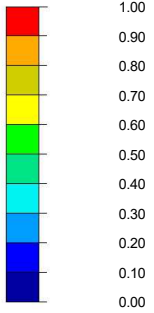
DESIGN RATIO

RF-STEEL EC3 CA3

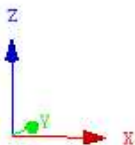
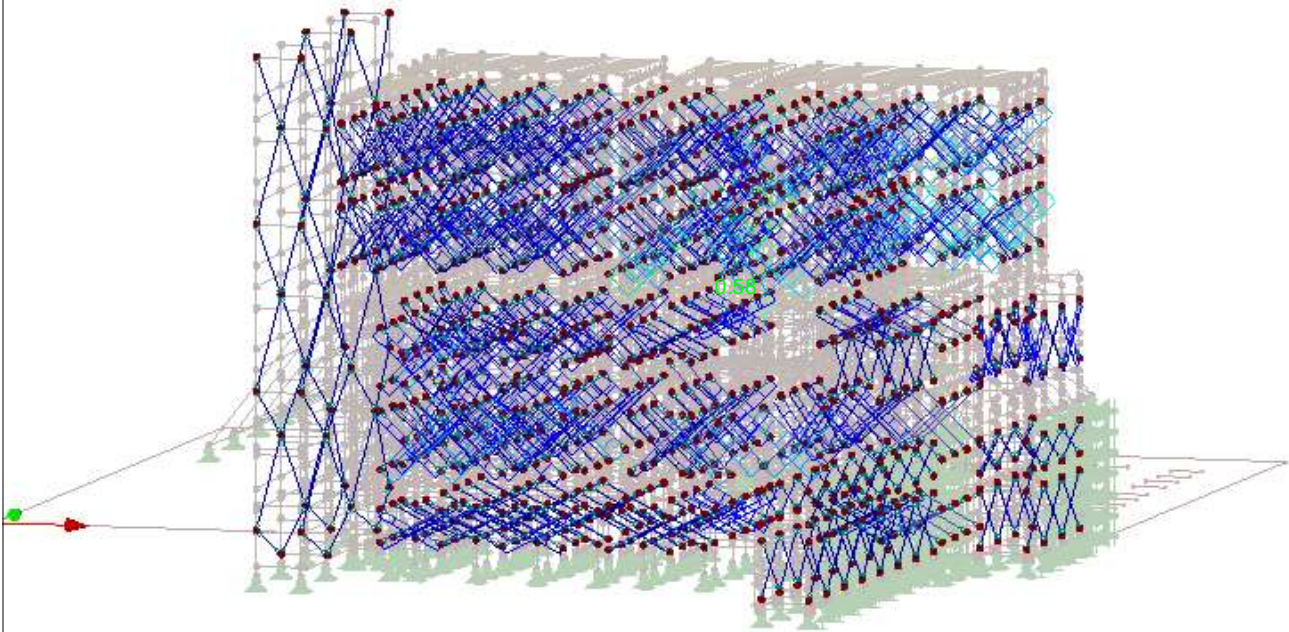
Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric

Max
Design Ratio [-]



Max : 0.58
Min : 0.00



Max Design Ratio: 0.58

RF-STEEL EC3
CA4
Antirides

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

1.1 GENERAL DATA

Members to design:	1192-1195,1210,1211,1222,1264-1267,1278,1279,1300,1402-1408,1475-1477,1486-1489,3965,3988,3989,4012,6686,6741,7042,7050,7052,7054,7057,7059,7060,7160,7171,7182,7193,7204,7215,7226,7237,7248,7259,7270,7818,7819,7849,7895,7934,7973,7985,8360,8390,8423,8526,8727,8728,8731,8734-8744,8748,8749,8756-8771,8774,8777-8787,8791,8792,8799-8805,8810-8812,8817,8822-8830,8834,8835,8842-8857,8860,8863-8879,8942,8953,8960,8967,8974,8981,8992,8999,9002,9024-9028,9037,9044,9051,9058,9063-9065,9069-9071,9090,9679,9680,9695,9714,9729,9744,9750,9794,9795,9810,9829,9844,9859,9865,9915,10010,10012,10013,10015,10017,10018,10020,10021,10025,10026,10028,10029,10046,10048,10049,10051-10053,10055,10056,10058,10059,10061,10062,10079,10081,10082,10084-10095,10490-10499,10642,10689-10692,10696-10698,10710-10712,10734-10753,10845-10852,10854,10856,10898-10905,11089-11137,11237-11280,11290-11341		
Sets of members to design:			
National Annex:	CEN		
Ultimate Limit State Design Result combinations to design:	RC10	seismos y-	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
1192	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1193	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.752	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.752	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1194	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.122	RC10	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.061	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.122	RC10	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
0.061	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
0.061	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
0.061	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
1195	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.241	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
1210	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.758	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.379	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1211	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.508	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1222	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.082		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.082		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.082		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.082		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.082		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.082		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
1264		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
		0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
		0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
		0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
1265	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
1266	0.061	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.122	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.122	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1267	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1278	0.758	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.758	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
1279	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
1300	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.164	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.164	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
1402	0.651	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1403	0.376	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.752	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1404	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1405	0.241	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
1406	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400	to 6.2.5 and 6.2.8
	0.379	RC2	0.00	≤ 1	SE401	Serviceability - Negligible deformations
	0.758	RC3	0.00	≤ 1	SE402	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC4	0.00	≤ 1	SE403	Serviceability - Combination of actions 'Frequent' - z-direction
						Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.00	≤ 1	SE406	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.00	≤ 1	SE407	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.00	≤ 1	SE408	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1407	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.508	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.508	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.508	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1408	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.082	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.082	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1475	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.651	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1476	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.752	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.376	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1477	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.061	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.061	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.061	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.061	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.061	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.061	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1486	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1487	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.379	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.758	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.758	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1488	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.254	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1489	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.082	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.082	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.082	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.082	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
3965	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.651	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3988	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.651	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3989	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.651	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.651	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4012	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.651	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.651	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.651	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.326	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.326	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.326	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.326	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.326	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.326	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	6686	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.150	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.150	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.300	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.300	RC10	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.300	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
6741	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7042	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.275	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.275	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.275	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.275	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7050	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.275	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.275	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.275	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.275	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7052	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	1.239	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7054	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.753	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC10	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
7057	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.065	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.065	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.065	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
7059	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
7060	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
7160	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7171	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.130	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
7182	0.000	RC10	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.275	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.275	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
7193	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.275	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
7204	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
7215	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.032	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7226	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.550	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.550	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.550	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7237	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
7248	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC10	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.377	RC10	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC10	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2	
7259	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.065	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.065	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.065	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7270	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.065	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.065	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.130	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7818	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.065	RC10	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7819	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7849	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7895	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.130	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.377	RC10	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.377	RC10	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
7934	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.065	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.065	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.065	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7973	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7985	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC10	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8360	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8390	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8423	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.130	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8526	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.165	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8727	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8728	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8731	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8734	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8735	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8736	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8737	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8738	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.050		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.050		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.050		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.050		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.050		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8739		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8740	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8741	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.050		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.050		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.050		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.050		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.050		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8742		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.00	≤ 1	SE406)	z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8743	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8744	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8748	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8749	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8756	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8757	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8758	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8759	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
8760	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
8761	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
8762	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
8763	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
8764	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
8765	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
8766	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
8767	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.00	≤ 1	SE406)	z-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8768	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8769	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8770	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8771	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8774	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8777	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8778	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8779	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
8780	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8781	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8782	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8783	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8784	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8785	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8786	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8787	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
					y-direction
8791	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8792	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	1.152	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8799	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8800	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
8801	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
0.050	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8802	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8803	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8804	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8805	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8810	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8811	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8812	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8817	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
8822	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.750	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.126	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8823	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.037	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.074	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8824	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8825	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8826	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8827	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.126	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.126	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8828	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.037	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.037	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.037	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.037	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.037	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.037	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.037	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	8829	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.375	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.126	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.126	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8830	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.037	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.074	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.037	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.037	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.037	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8834	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8835	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8842	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC2	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.000	RC3	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC3	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8843	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8844	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8845	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8846	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
8847	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8848	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8849	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.152	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
8850	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
0.000	RC10	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC10	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC10	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC10	0.07	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	8851	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8852	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8853	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8854	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8855	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8856	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8857	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8860	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.384	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8863	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.050	RC10	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC10	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC10	0.07	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
8864	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8865	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8866	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.768	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8867	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8868	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8869	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8870	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8871	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8872	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
8873	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.100	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.050	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8874	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.100	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.050	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.100	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
8875	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.100	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.100	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	8876	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.100		RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.100		RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.050		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.050		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.050		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
8877		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
8878	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
8879	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
8942	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.032	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC10	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
0.000	RC10	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8953	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.550	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.550	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8960	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.239	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8967	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8974	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.014	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.028	RC10	0.17	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
8981	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.014	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.014	RC10	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.014	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8992	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.16	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.032	RC10	0.05	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.065	RC10	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
8999	0.065	RC10	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC10	0.19	≤ 1	ST364)	
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.014	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.014	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
9002	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9024	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9025	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9026	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.050	RC4	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
9027	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.050	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.050	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
9028	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.050	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
9037	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9044	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9051	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.014	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC10	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.014	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9058	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.014	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.014	RC10	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.014	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9063	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.013	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.013	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
9064	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.013	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.013	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.013	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.013	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9065	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.013	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
9069	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description		
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Serviceability - Negligible deformations		
	0.000	RC10	0.01	≤ 1	CS151)			
	0.000	RC2	0.00	≤ 1	SE400)			
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006								
9070	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Serviceability - Negligible deformations		
	0.000	RC10	0.01	≤ 1	CS116)			
	0.000	RC10	0.01	≤ 1	CS151)			
	0.000	RC2	0.00	≤ 1	SE400)			
	0.000	RC2	0.00	≤ 1	SE400)			
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006								
9071	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Serviceability - Negligible deformations		
	0.000	RC10	0.01	≤ 1	CS116)			
	0.000	RC10	0.01	≤ 1	CS151)			
	0.000	RC2	0.00	≤ 1	SE400)			
	0.000	RC2	0.00	≤ 1	SE400)			
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006								
9090	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Serviceability - Negligible deformations Serviceability - Combination of actions 'Characteristic' - z-direction Serviceability - Combination of actions 'Frequent' - z-direction Serviceability - Combination of actions 'Quasi-permanent' - z-direction Serviceability - Combination of actions 'Characteristic' - y-direction Serviceability - Combination of actions 'Frequent' - y-direction Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
	0.000	RC2	0.00	≤ 1	SE400)			
	1.281	RC2	0.02	≤ 1	SE401)			
	1.281	RC3	0.01	≤ 1	SE402)			
	1.281	RC4	0.01	≤ 1	SE403)			
	1.281	RC2	0.00	≤ 1	SE406)			
	1.281	RC3	0.00	≤ 1	SE407)			
	1.281	RC4	0.00	≤ 1	SE408)			
Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006								
9679	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Resulting shear force acc. to 6.2.6 Cross-section check - Torsion acc. to 6.2.7 Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
	0.014	RC10	0.04	≤ 1	CS101)			
	0.014	RC10	0.04	≤ 1	CS102)			
	0.014	RC10	0.01	≤ 1	CS121)			
	0.000	RC10	0.01	≤ 1	CS123)			
	0.000	RC10	0.01	≤ 1	CS128)			
	0.000	RC10	0.05	≤ 1	CS131)			
	0.014	RC10	0.01	≤ 1	CS132)			
	0.000	RC10	0.01	≤ 1	CS137)			
	0.000	RC10	0.02	≤ 1	CS139)			
	0.000	RC10	0.01	≤ 1	CS221)			
	0.000	RC10	0.01	≤ 1	CS226)			
	0.000	RC10	0.15	≤ 1	CS271)			
	0.014	RC10	0.12	≤ 1	ST364)			
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	9680	0.000	RC10	0.00	≤ 1		CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Torsion acc. to 6.2.7 Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9) Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8 Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2
		0.014	RC10	0.02	≤ 1		CS101)	
		0.014	RC10	0.02	≤ 1		CS102)	
0.000		RC10	0.01	≤ 1	CS123)			
0.000		RC10	0.07	≤ 1	CS131)			
0.014		RC10	0.01	≤ 1	CS132)			
0.000		RC10	0.01	≤ 1	CS137)			
0.000		RC10	0.01	≤ 1	CS139)			
0.000		RC10	0.04	≤ 1	CS146)			
0.014		RC10	0.04	≤ 1	CS186)			
0.000		RC10	0.00	≤ 1	CS221)			
0.000		RC10	0.00	≤ 1	CS226)			
0.000		RC10	0.11	≤ 1	CS271)			
0.014		RC10	0.07	≤ 1	ST364)			
Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006								
9695		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Torsion acc. to 6.2.7 Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9) Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
		0.014	RC10	0.01	≤ 1	CS101)		
		0.014	RC10	0.01	≤ 1	CS102)		
	0.000	RC10	0.09	≤ 1	CS131)			
	0.014	RC10	0.01	≤ 1	CS132)			
	0.000	RC10	0.02	≤ 1	CS137)			
	0.000	RC10	0.02	≤ 1	CS139)			
	0.000	RC10	0.01	≤ 1	CS226)			
	0.000	RC10	0.16	≤ 1	CS271)			
	0.014	RC10	0.11	≤ 1	ST364)			
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
9714	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.014	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.014	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
	0.014	RC10	0.01	≤ 1	CS132) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC10	0.02	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC10	0.02	≤ 1	CS139) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
	0.000	RC10	0.01	≤ 1	CS226) Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC10	0.16	≤ 1	CS271) Cross-section check - Axial stress and torsion - Elastic design	
	0.014	RC10	0.13	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	9729	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.014	RC10	0.05	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
0.014		RC10	0.05	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.09	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
0.014		RC10	0.01	≤ 1	CS132) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000		RC10	0.02	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000		RC10	0.02	≤ 1	CS139) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
0.000		RC10	0.01	≤ 1	CS226) Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
0.000		RC10	0.24	≤ 1	CS271) Cross-section check - Axial stress and torsion - Elastic design	
0.014		RC10	0.19	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
9744		Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.014	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.014	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.014	RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.014	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	9750	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
		0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
		0.032	RC10	0.04	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
0.032		RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.032		RC10	0.04	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6	
0.000		RC10	0.06	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
0.000		RC10	0.04	≤ 1	CS132) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000		RC10	0.02	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
0.000		RC10	0.04	≤ 1	CS139) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
0.000		RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC10	0.03	≤ 1	CS206) Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
0.065		RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.065		RC10	0.00	≤ 1	CS226) Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
0.065		RC10	0.13	≤ 1	CS271) Cross-section check - Axial stress and torsion - Elastic design	
0.000		RC10	0.10	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
9794		Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.014	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.014	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.028	RC10	0.02	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.014	RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.014	RC10	0.02	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.014	RC10	0.02	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6	
	0.000	RC10	0.08	≤ 1	CS131) Cross-section check - Torsion acc. to 6.2.7	
	0.014	RC10	0.01	≤ 1	CS132) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.014	RC10	0.02	≤ 1	CS137) Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.014	RC10	0.02	≤ 1	CS139) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
	0.028	RC10	0.02	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC10	0.04	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.000	RC10	0.02	≤ 1	CS206) Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1	
	0.028	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS226)	to 6.2.10 and 6.2.9 Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9795	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9810	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9829	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9844	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9859	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9865	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.032	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.08	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.032	RC10	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.032	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.032	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.032	RC10	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9915	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10010	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.500	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10012	0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10013	1.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10015	0.100	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10017	1.724	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10018	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10020	1.293	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10021	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10025	2.581	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10026	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
10028	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.860	RC2	0.00	≤ 1	SE406)	z-direction
	0.860	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.860	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction
						Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10029	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10046	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10048	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10049	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10051	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10052	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.431	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.431	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.431	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10053	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.115	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10055	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.862	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.862	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.862	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10056	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.115	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
	0.057	RC2	0.00	≤ 1	SE406) z-direction
	0.057	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.057	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Frequent' - y-direction
					Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10058	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	2.581	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	1.290	RC2	0.06	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	1.290	RC3	0.04	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	1.290	RC4	0.04	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10059	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.086	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.086	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.086	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10061	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.445	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.222	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.222	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.222	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10062	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
10079	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.375	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10081	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.100	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.050	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.050	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.050	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10082	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.750	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10084	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC10	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.050	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.050	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.050	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10085	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.293	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.431	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.431	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.431	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10086	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.115		RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.115		RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.057		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.057		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.057		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
10087		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.241	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10088	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.293	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.862	RC2	0.03	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.862	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.862	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.862	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.862	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.862	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10089	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.057	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.057	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.057	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.057	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.057	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.057	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10090	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.379	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
				SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
10091	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.379	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.379	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	2.151	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	2.151	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.860	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.860	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.860	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10092	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	0.086	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.172	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.172	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.086	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.086	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.086	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	10093	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.752	RC10	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
		0.752	RC10	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.376		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.376		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.376		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.376		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.376		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.376		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10094		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.860	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	1.290	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	1.290	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	1.290	RC4	0.04	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.290	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.290	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.720	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10095	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
		0.172	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
		0.000	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000		RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.086		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.086		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.086		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10490	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.836	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10491	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.943		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.943		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.943		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.415		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.415		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10492	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.836	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10493	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.943		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.943		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.943		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1.415		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1.415		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10494	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.836	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.836	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.836	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
	10495	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
0.943		RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
0.943		RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
0.943		RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
0.943		RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
0.943		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10496	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.255	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10497	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
10498	0.943	RC2	0.00	≤ 1	SE406)	z-direction	
	0.943	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.943	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Frequent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	1.255	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.418	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.418	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.418	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.418	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
10499	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.943	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.943	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.943	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	1.415	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	1.415	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	1.415	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	10642	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.752		RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.752		RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.752		RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.376		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.376		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.376		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.376		RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.376		RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.376		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006							
10689		0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
		0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
		0.241	RC10	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
		0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC10	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.241	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
	10690	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
		0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000		RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
0.379		RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
0.379		RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
0.379		RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
0.379		RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
0.379		RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
0.379		RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
10691	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.254	RC10	0.03	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.254	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.254	RC10	0.03	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.254	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.254	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.254	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.254	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.254	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.254	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10692	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.752	RC10	0.10	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.752	RC10	0.10	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.376	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.376	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.376	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.376	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.376	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.376	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10696	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
0.000		RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
0.241		RC10	0.08	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC10	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.241		RC10	0.08	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.241		RC10	0.08	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000		RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
0.121		RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
0.121		RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
0.121		RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10697		Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
		0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.09	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.09	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.09	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations	
	0.379	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.379	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	
	0.379	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.379	RC2	0.01	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.379	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction	
	0.379	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
10698	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC10	0.05	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.254	RC10	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC10	0.05	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC10	0.05	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.508	RC10	0.01	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.508	RC10	0.01	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10710	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.241	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.121	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.121	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.121	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10711	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.379	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.379	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.379	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.379	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.379	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.379	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10712	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.254	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10734	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.396	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.396	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10735	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.041	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.041	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10736	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.894	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.894	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.894	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10737	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.123	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10738	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.396	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.396	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10739	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.041	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.041	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10740	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.447	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.341	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.341	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.341	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10741	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.123	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10742	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.396	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.396	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10743	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.082	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
10744	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.447	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.447	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.447	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
10745	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.123	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10746	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.793	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.793	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.793	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.793	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.793	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.793	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10747	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.082	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
10748	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.447	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.447	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.447	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10749	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.123	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.062	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10750	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.396	RC2	0.01	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.396	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.396	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.396	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.396	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.396	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10751	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.082	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.041	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.041	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.041	RC4	0.00	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.041	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.041	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.041	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10752	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.447	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.894	RC2	0.02	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.894	RC3	0.01	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction
	0.894	RC4	0.01	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.447	RC2	0.00	≤ 1	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
	0.447	RC3	0.00	≤ 1	SE407) Serviceability - Combination of actions 'Frequent' - y-direction
	0.447	RC4	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10753	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.123	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations
	0.062	RC2	0.00	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	0.062	RC3	0.00	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.062	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10845	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.16	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10846	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.183	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.16	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10847	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.365	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.365	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.16	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.16	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10848	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.16	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC10	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10849	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.246	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.246	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.491	RC10	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.491	RC10	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
10850	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.246	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.491	RC10	0.03	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.491	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.491	RC10	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.491	RC10	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10851	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.246	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.491	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.491	RC10	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.491	RC10	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
10852	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC10	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.491	RC10	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.491	RC10	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10854	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.752	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.752	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations	
	0.376	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction	
	0.376	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction	
	0.376	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction	
	0.376	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction	
	0.376	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction	
	0.376	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction	
	10856	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.254	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6		
0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.254	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.254	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.254	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.254	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.254	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.254	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10898	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.365	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC10	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
10899	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.183	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
10900	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.365	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10901	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.365	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.183	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.183	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		
0.183	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction		
0.183	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction		
0.183	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction		
0.183	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction		
10902	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006						
0.246	RC10	0.00	≤ 1	CS100)	Negligible internal forces		
0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3		
0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4		
0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations		
0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction		
0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
10903	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.491	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10904	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
10905	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.246	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.246	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.246	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.246	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.246	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.246	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
11089	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11090	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.424	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11091	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11092	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11093	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.826	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11094	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.165	RC10	0.04	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.04	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.165	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	11095	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000		RC10	0.19	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
0.000		RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11096	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11097	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.826	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.413	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.413	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.826	RC10	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.19	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.826	RC10	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11098	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11099	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.848	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.413	RC10	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
11100	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.413	RC10	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.848	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.848	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11101	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11102	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11103	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11104	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.848	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11105	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.239	RC10	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.239	RC10	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11106	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11107	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.848	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.848	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.848	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.848	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11108	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.275	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.275	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.275	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11109	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11110	0.000	RC10	0.00	≤ 1	CS161)	6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.239	RC10	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.239	RC10	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11111	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11112	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC10	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.032	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC10	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.032	RC10	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.065	RC10	0.00	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.07	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.032	RC10	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11113	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11114	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.826	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.826	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.239	RC10	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
1.239	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
11115	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11116	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.275	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.275	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.275	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11117	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC10	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11118	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11119	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.826	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11120	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.550	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.550	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.550	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11121	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.032	RC10	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.065	RC10	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.032	RC10	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC10	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.065	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.065	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.065	RC10	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11122	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.550	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.550	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC10	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.550	RC10	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11123	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11124	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11125	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.165	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.165	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11126	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.109	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.218	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11127	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.098	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.098	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.098	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.098	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11128	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.826	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11129	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.109	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
11130	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.032	RC10	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC10	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.032	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.065	RC10	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.065	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11131	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.098	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.098	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11132	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.239	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11133	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.130	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.130	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.130	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11134	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.098	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.098	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11135	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.109	RC10	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.109	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.109	RC10	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC10	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.218	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.218	RC10	0.03	≤ 1	CS181)	6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11136	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11137	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.826	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11237	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.838	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.838	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC10	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.838	RC10	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11238	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11239	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.909	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.909	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.364	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11240	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11241	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.838	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.838	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC10	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11242	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11243	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.455	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.909	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.909	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.364	RC10	0.01	≤ 1	CS201)	to 6.2.5 and 6.2.8 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.455	RC10	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.909	RC10	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.455	RC10	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.909	RC10	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
11244	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.909	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.909	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11245	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.838	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.838	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11246	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
11247	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.909	RC10	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.909	RC10	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.909	RC10	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.909	RC10	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
11248	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC10	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.909	RC10	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
11249	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.838	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.838	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.838	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11250	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC10	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11251	0.419	RC10	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.10	≤ 1	ST312)	
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.909	RC10	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.909	RC10	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.909	RC10	0.19	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.909	RC10	0.19	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11252	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.000		RC10	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC10	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
0.000		RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000		RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11253	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.838	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.838	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.256	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.256	RC10	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1.256	RC10	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.838	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11254	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.256	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.419	RC10	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.419	RC10	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11255	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
0.000		RC10	0.00	≤ 1	CS100)	Negligible internal forces
0.909		RC10	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.909		RC10	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.364		RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.909		RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11256	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11257	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.201	RC10	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11258	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
2.744	RC10	0.00	≤ 1	CS100)	Negligible internal forces	

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.829	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.915	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.829	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.201	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11259	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.986	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.475	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11260	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.482	RC10	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.482	RC10	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.489	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.986	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.496	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11261	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.287	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.915	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.201	RC10	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11262	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.372	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.744	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11263	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	3.971	RC10	0.02	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.475	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.475	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11264	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.475	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11265	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.201	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.201	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.915	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.201	RC10	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11266	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.829	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.744	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11267	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.482	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.482	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.978	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.475	RC10	0.97	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11268	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.993	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
11269	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	3.659	RC10	0.01	≤ 1	CS151)	or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.287	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.915	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.201	RC10	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11270	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.287	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.287	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.829	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.659	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.287	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11271	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.978	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.475	RC10	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11272	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.986	RC10	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11273	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.659	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.201	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11274	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11275	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.659	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11275	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11275	3.971	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11276	3.475	RC10	0.14	≤ 1	ST364)	acc. to 6.2.9.1 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	3.475	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.971	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3.971	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11277	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
11278	3.659	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.201	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.829	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.201	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.201	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3.659	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11279	3.659	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.659	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.986	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
11280	1.986	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.475	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	1.986	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.475	RC10	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.475	RC10	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
11290	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3.971	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
11291	0.476	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
11292	1.303	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.737	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
11292	4.026	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4.026	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.789	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.684	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
11293	3.579	RC10	0.32	≤ 1	ST364)	to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11294	0.952	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.778	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.778	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.222	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11295	2.222	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.472	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11296	2.472	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11297	0.476	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC10	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1.303	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11298	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.789	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.342	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.579	RC10	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11299	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.952	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11300	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.778	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.778	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.222	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
						acc. to 6.2.9.1
11301	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	2.472	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.472	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11302	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11303	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.303	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.303	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11304	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.895	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.44	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.44	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	3.579	RC10	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11305	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC10	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11306	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.778	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.778	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.222	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.222	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.778	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11307	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.483	RC10	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC10	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.472	RC10	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2.472	RC10	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
11308	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.476	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11309	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.303	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.868	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.868	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.06	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11310	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	3.579	RC10	0.05	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.05	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	2.237	RC10	0.00	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.237	RC10	0.00	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.789	RC10	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.895	RC10	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.42	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC10	0.42	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	3.579	RC10	0.49	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11311	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.04	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11312	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.444	RC10	0.00	≤ 1	CS100) Negligible internal forces
	2.222	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
2.222	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
11313	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.03	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.15	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11314	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.000	RC10	0.08	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
11315	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC10	0.00	≤ 1	CS100) Negligible internal forces
	1.303	RC10	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.737	RC10	0.02	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
1.737	RC10	0.02	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.737	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.737	RC10	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.737	RC10	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.303	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11316	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.895	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.579	RC10	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11317	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11318	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.889	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	2.222	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.222	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
11319	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.483	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.483	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11320	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11321	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.737	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11322	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.237	RC10	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.237	RC10	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3.131	RC10	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.237	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.447	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.579	RC10	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11323	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.952	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC10	0.02	≤ 1	ST301)	
	0.000	RC10	0.02	≤ 1	ST311)	
	0.476	RC10	0.05	≤ 1	ST364)	
11324	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.778	RC10	0.01	≤ 1	CS101)	
	1.778	RC10	0.01	≤ 1	CS102)	
	0.000	RC10	0.02	≤ 1	CS201)	
	0.444	RC10	0.00	≤ 1	CS221)	
11325	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC10	0.01	≤ 1	CS101)	
	0.000	RC10	0.01	≤ 1	CS102)	
	1.483	RC10	0.00	≤ 1	CS181)	
	2.472	RC10	0.01	≤ 1	CS201)	
	1.483	RC10	0.00	≤ 1	CS221)	
	0.000	RC10	0.07	≤ 1	ST364)	
11326	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.476	RC10	0.04	≤ 1	CS101)	
	0.476	RC10	0.04	≤ 1	CS102)	
	0.476	RC10	0.01	≤ 1	CS123)	
	0.952	RC10	0.09	≤ 1	CS201)	
	0.476	RC10	0.14	≤ 1	ST364)	
11327	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	1.303	RC10	0.02	≤ 1	CS101)	
	1.303	RC10	0.02	≤ 1	CS102)	
	1.737	RC10	0.02	≤ 1	CS201)	
	1.303	RC10	0.06	≤ 1	ST364)	
11328	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	3.579	RC10	0.03	≤ 1	CS101)	
	3.579	RC10	0.03	≤ 1	CS102)	
	0.000	RC10	0.03	≤ 1	CS116)	
	0.000	RC10	0.03	≤ 1	CS151)	
	3.579	RC10	0.00	≤ 1	CS161)	
	2.237	RC10	0.01	≤ 1	CS181)	
	0.000	RC10	0.03	≤ 1	CS201)	
	0.447	RC10	0.00	≤ 1	CS221)	
	3.579	RC10	0.32	≤ 1	ST364)	
11329	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.01	≤ 1	CS101)	
	0.476	RC10	0.01	≤ 1	CS102)	
	0.476	RC10	0.00	≤ 1	CS123)	
	0.000	RC10	0.05	≤ 1	CS201)	
11330	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.889	RC10	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Bending, shear and axial force acc. to 6.2.9.1 Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.778	RC10	0.01	≤ 1	CS101)	
	1.778	RC10	0.01	≤ 1	CS102)	
	0.000	RC10	0.01	≤ 1	CS116)	
	0.000	RC10	0.01	≤ 1	CS151)	
	0.889	RC10	0.00	≤ 1	CS181)	
	2.222	RC10	0.01	≤ 1	CS201)	
	1.333	RC10	0.00	≤ 1	CS221)	
11331	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC10	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.989	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC10	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11332	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11333	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.737	RC10	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.737	RC10	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.737	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11334	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	3.579	RC10	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3.579	RC10	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.789	RC10	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4.026	RC10	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3.579	RC10	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3.579	RC10	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11335	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11336	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.395	RC10	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.395	RC10	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.395	RC10	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11337	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.494	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2.472	RC10	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC10	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11338	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC10	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
11339	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	1.303	RC10	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.303	RC10	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.737	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.737	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC10	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.303	RC10	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11340	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC10	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC10	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC10	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC10	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11341	Cross-section No. 13 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC10	0.00	≤ 1	CS100)	Negligible internal forces
	0.987	RC10	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.987	RC10	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.987	RC10	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.987	RC10	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.481	RC10	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.987	RC10	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

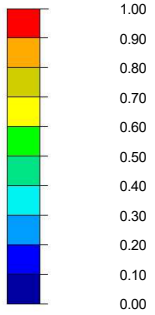
DESIGN RATIO

RF-STEEL EC3 CA4

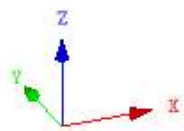
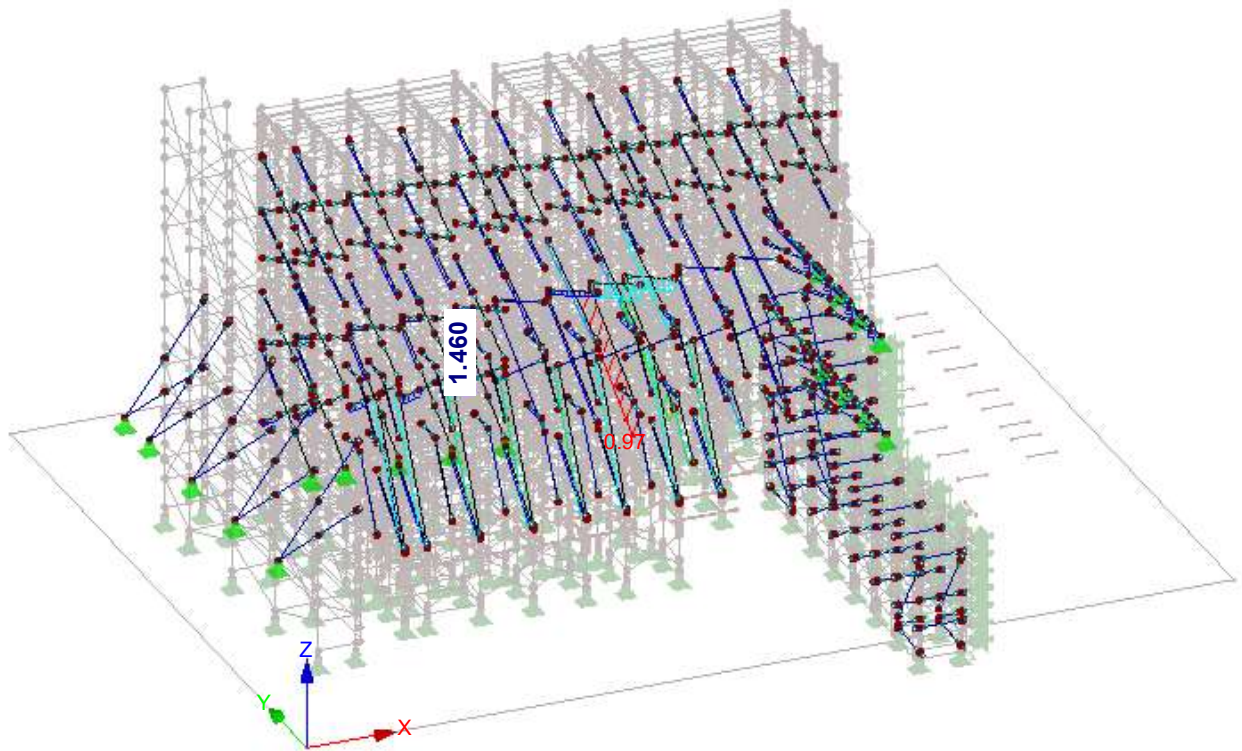
Isometric

Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Max
Design Ratio [-]



Max : 0.97
Min : 0.00



Max Design Ratio: 0.97

Project:

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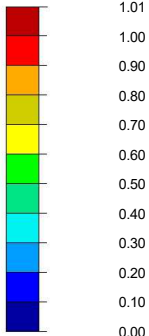
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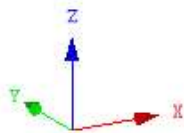
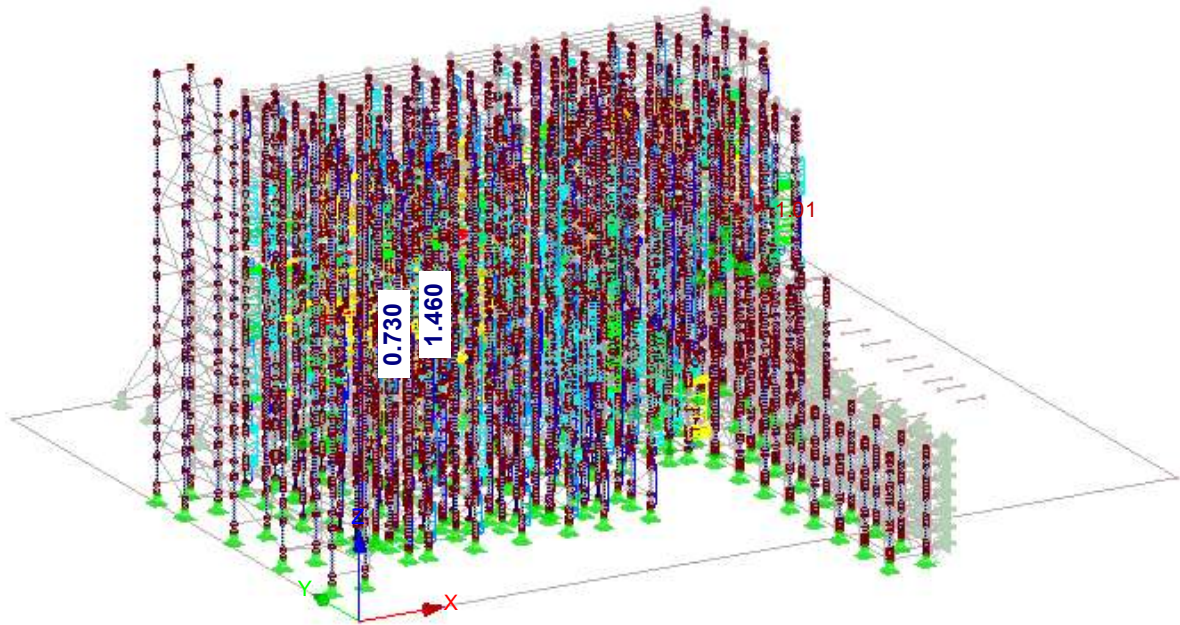
Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric

Max
Design Ratio [-]



Max : 1.01
Min : 0.00



Max Design Ratio: 1.01

1.1.1 GENERAL DATA

Members to design:	511,512,514,515,590,591,614,615,1171-1180,1397-1401,1444,1445,1456,1457,1474,2584,2587,2601,2604,2658,2666,2706,2714,2752,2760,2794,2802,2842,2850,2890,2898,2934,2942,2978,2986,3338,3376,3384,3418,3426,3466,3474,3514,3522,3558,3566,3602,3610,3640,5400-5404,5958-5964,5968-5971,5995-5997,6192-6198,6202-6205,6229-6231,6327,6332,6716,6718,6720,6722,6733,6735,6737,6739,6764,6766,6768,6770,6795,6797,6799-6801,6806,6826,6828,6830-6832,6857,6859,6861-6863,6867,6888,6890-6894,6898,6919,6921-6923,6925,6929,6950,6952-6954,6956,6960,6981,6983-6985,6987,6991,7014-7018,7022,7043,7045-7049,7058,7281,7292,7303-7384,7596,7791-7793,7804-7813,7817,7838-7842,7845-7848,7868-7870,7881-7890,7894,7896-7900,7903-7909,7920-7929,7933,7935-7939,7942-7948,7959-7968,7972,7974-7978,7981-7984,8004-8007,8017-8023,8032,8051-8053,8058-8061,8069,8081-8083,8094-8100,8116-8122,8133-8139,8155-8161,8172-8178,8194-8197,8217-8219,8230-8236,8271-8274,8294-8296,8307-8313,8315,8316,8320,8326,8328,8338,8340,8341,8346-8355,8359,8361-8364,8368-8374,8385-8389,8409-8412,8425-8429,8437,8438,8461-8484,8488-8493,8508,8510,8522,8806-8809,8813,8814,8820,8821,8938-8941,8943,8946,8949-8952,8954-8959,8961-8966,8968-8973,8975-8980,8982-8986,8989,8993-8998,9000,9001,9029,9032,9035,9036,9038-9043,9045-9050,9052-9057,9059,9060,9266,9268,9273,9275,9526-9528,9533-9539,9549-9552,9562-9564,9569-9582,9587-9600,9605,9608-9610,9612,9614,9655-9660,9662-9669,9675-9678,9690-9694,9710-9713,9715-9719,9725-9728,9730-9734,9740-9743,9745-9749,9760-9765,9779-9784,9790-9793,9805-9809,9825-9828,9830-9834,9840-9843,9845-9849,9855-9858,9860-9864,9875-9900,9904-9910,10011,10031-10038,10057,10060,10063-10071,10080,10083,10097-10104,10112-10119,10127-10130,10138-10141,10149-10152,10160-10163,10171-10174,10182-10185,10193-10200,10222,10230-10232,10254,10255,10263,10264,10274-10305,10332-10347,10500-10524,10651,10652,10654,10656,10687,10705-10709,10754-10813,10833-10844,10886-10897,11500,11513,12370-12373,524-643,724-928,1029-1100	
Sets of members to design:		
Design according to Standard:	EN 1995-1-1:2004/A2:2014	
Ultimate Limit State Design Result combinations to design:	RC1 RC10	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos y-
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
524	Continuous Members 524 (Member No. 514,515,590,10032)					
	10032	0.433	CO8	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10032	0.000	CO5	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	590	0.000	CO2	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	590	0.150	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10032	0.000	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	590	0.150	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10032	0.000	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10032	0.000	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	514	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
10032	0.217	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
10032	0.217	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
525	Continuous Members 525 (Member No. 614,10034)					
	614	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	614	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
526	Continuous Members 526 (Member No. 511,512,10031)					
	10031	0.220	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	512	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10031	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10031	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	511	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10031	0.220	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10031	0.220	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
527	Continuous Members 527 (Member No. 591,10033)					
	10033	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	591	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
528	Continuous Members 524 (Member No. 2587,2601,2604,10036)					
	2587	0.250	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10036	0.000	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain a

Project:

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	10036	0.433	CO4	0.00	≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	2604	0.150	CO4	0.01	≤ 1	151)	acc. to 6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10036	0.000	CO5	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2604	0.150	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10036	0.000	CO5	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10036	0.000	CO6	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	2587	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10036	0.217	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10036	0.217	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
529	Continuous Members 525 (Member No. 2666,10038)						
	2666	0.060	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2666	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
530	Continuous Members 526 (Member No. 615,2584,10035)						
	2584	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10035	0.440	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10035	0.000	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10035	0.000	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	615	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10035	0.220	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10035	0.220	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
531	Continuous Members 527 (Member No. 2658,10037)						
	10037	0.350	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2658	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
532	Continuous Members 524 (Member No. 2752,2760,2794,10065)						
	2760	0.250	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10065	0.433	CO6	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	2794	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10065	0.433	CO4	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2794	0.000	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10065	0.433	CO5	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10065	0.433	CO6	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
533	Continuous Members 525 (Member No. 2842,10067)						
	2842	0.060	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
534	Continuous Members 526 (Member No. 2706,2714,10064)						
	10064	0.440	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2714	0.067	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10064	0.440	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10064	0.440	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
535	Continuous Members 527 (Member No. 2802,10066)						
	10066	0.000	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
536	Continuous Members 524 (Member No. 2898,2934,2942,10069)						
	10069	0.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10069	0.433	CO6	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10069	0.217	CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10069	0.433	CO4	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	2898	0.000	CO6	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10069	0.217	CO10	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10069	0.433	CO5	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10069	0.433	CO6	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
537	Continuous Members 525 (Member No. 2986,10071)						
	2986	0.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
538	Continuous Members 526 (Member No. 2850,2890,10068)						
	10068	0.440	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10068	0.440	CO6	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10068	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	2890	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10068	0.440	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10068	0.440	CO6	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10068	0.440	CO12	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10068	0.440	CO6	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10068	0.440	CO6	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
539	Continuous Members 527 (Member No. 2978,10070)					
	10070	0.350	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
540	Continuous Members 524 (Member No. 3384,3418,3426,10098)					
	3384	0.250	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10098	0.433	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10098	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10098	0.433	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10098	0.433	CO4	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3384	0.250	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10098	0.433	CO10	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10098	0.433	CO1	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10098	0.433	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3384	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10098	0.217	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10098	0.217	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
541	Continuous Members 525 (Member No. 3474,10100)					
	3474	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3474	0.060	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3474	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
542	Continuous Members 526 (Member No. 3338,3376,10097)					
	3338	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10097	0.440	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	3376	0.067	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3376	0.033	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10097	0.440	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10097	0.440	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10097	0.440	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10097	0.440	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10097	0.440	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3338	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10097	0.220	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10097	0.220	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
543	Continuous Members 527 (Member No. 3466,10099)					
	10099	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3466	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
544	Continuous Members 524 (Member No. 3558,3566,3602,10102)					
	10102	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10102	0.433	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10102	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3602	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	3602	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10102	0.433	CO6	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10102	0.433	CO8	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	3602	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10102	0.433	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10102	0.433	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3558	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	3566	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	3566	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
545	Continuous Members 525 (Member No. 3640,10104)					
	3640	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3640	0.030	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	3640	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
546	Continuous Members 526 (Member No. 3514,3522,10101)					
	3522	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10101	0.220	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10101	0.440	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10101	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	3522	0.000	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10101	0.440	CO9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10101	0.440	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10101	0.440	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	3514	0.250	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10101	0.440	CO9	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10101	0.440	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10101	0.440	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	3514	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10101	0.220	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10101	0.220	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
547	Continuous Members 527 (Member No. 3610,10103)					
	10103	0.350	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	3610	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
548	Continuous Members 548 (Member No. 5401,5402,10112)					
	5402	0.205	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	5402	0.205	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5401	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5402	0.205	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5402	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5401	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	5401	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5401	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
549	Continuous Members 549 (Member No. 5958,5959,10114)					
	10114	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10114	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10114	0.495	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5959	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	5958	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5959	0.205	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10114	0.000	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10114	0.000	CO4	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	5959	0.205	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10114	0.000	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10114	0.000	CO4	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10114	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	5958	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10114	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10114	0.248	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	5958	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	5958	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
550	Continuous Members 550 (Member No. 5960,5961,10116)					

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	5960	0.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	5961	0.102	CO1	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	5961	0.000	CO7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	5961	0.102	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	5961	0.205	CO4	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	5961	0.000	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	5960	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	5960	0.250	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	5960	0.250	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	551	Continuous Members 551 (Member No. 5964,5968,10118)						
	5968	0.205	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	5968	0.000	CO4	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	5968	0.205	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	5968	0.205	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	5964	0.500	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	5964	0.500	CO4	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	5968	0.205	CO5	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	5968	0.205	CO4	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	5964	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	5964	0.250	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	5964	0.250	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	5968	0.102	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	5968	0.102	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	552	Continuous Members 552 (Member No. 5403,5404,10113)						
	5404	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	5404	0.005	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	5404	0.005	CO4	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	5404	0.000	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	5404	0.000	CO4	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10113	0.000	CO2	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	5403	0.500	CO5	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	10113	0.000	CO2	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	5403	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	10113	0.148	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10113	0.148	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	553	Continuous Members 553 (Member No. 5400,10115)						
		10115	0.148	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
		10115	0.295	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
10115		0.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
10115		0.295	CO4	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
5400		0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
10115		0.148	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
10115		0.148	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10115		0.148	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
10115		0.148	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
554		Continuous Members 554 (Member No. 5962,5963,10117)						
		10117	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	5963	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	10117	0.148	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	10117	0.000	CO4	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	10117	0.000	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	5962	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	10117	0.148	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10117	0.148	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10117	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
555	Continuous Members 555 (Member No. 5969,10119)					
	10119	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	5969	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
556	Continuous Members 548 (Member No. 5971,5995,10127)					
	5995	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	5995	0.205	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5971	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5995	0.205	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	5995	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5971	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	5971	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	5971	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
557	Continuous Members 549 (Member No. 6192,6193,10129)					
	10129	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10129	0.000	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10129	0.495	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6193	0.205	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6193	0.205	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10129	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10129	0.000	CO5	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6193	0.205	CO4	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10129	0.000	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10129	0.000	CO5	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10129	0.000	CO6	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6192	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10129	0.248	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10129	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6192	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6192	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
558	Continuous Members 552 (Member No. 5996,5997,10128)					
	5997	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	5997	0.005	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	5996	0.500	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	5997	0.000	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	5997	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10128	0.000	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	5996	0.500	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10128	0.000	CO6	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5996	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10128	0.148	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10128	0.148	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
559	Continuous Members 553 (Member No. 5970,10130)					
	10130	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10130	0.295	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10130	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10130	0.295	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	5970	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10130	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10130	0.148	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10130	0.148	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10130	0.148	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
560	Continuous Members 548 (Member No. 6195,6196,10138)					
	6196	0.205	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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	6196	0.205	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6195	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6196	0.205	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6196	0.205	CO4	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6196	0.205	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6195	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	6195	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6195	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
561	Continuous Members 549 (Member No. 6202,6203,10140)					
	10140	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10140	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10140	0.495	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6203	0.205	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10140	0.000	CO5	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6203	0.205	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10140	0.000	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10140	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6202	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10140	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10140	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
562	Continuous Members 552 (Member No. 6197,6198,10139)					
	6198	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6198	0.005	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10139	0.295	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6198	0.000	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6198	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10139	0.000	CO2	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6197	0.500	CO5	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10139	0.000	CO2	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6197	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10139	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10139	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
563	Continuous Members 553 (Member No. 6194,10141)					
	6194	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10141	0.295	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10141	0.295	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6194	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10141	0.148	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10141	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
564	Continuous Members 548 (Member No. 6205,6229,10149)					
	6229	0.205	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6229	0.205	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6205	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6229	0.205	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6229	0.205	CO5	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6229	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6205	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	6205	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6205	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
565	Continuous Members 549 (Member No. 8007,8032,10151)					
	8007	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10151	0.000	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10151	0.495	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8032	0.205	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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	10151	0.000	CO6	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10151	0.495	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8032	0.205	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10151	0.000	CO6	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10151	0.000	CO4	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8007	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10151	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10151	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10151	0.248	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
566	Continuous Members 552 (Member No. 6230,6231,10150)					
	6230	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6231	0.005	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10150	0.295	CO4	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6231	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10150	0.000	CO4	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6231	0.005	CO1	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10150	0.000	CO4	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6230	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10150	0.148	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10150	0.148	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
567	Continuous Members 553 (Member No. 6204,10152)					
	10152	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10152	0.148	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10152	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10152	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6204	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10152	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10152	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10152	0.148	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10152	0.148	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
568	Continuous Members 548 (Member No. 8052,8053,10160)					
	8053	0.205	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8053	0.205	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8052	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8053	0.205	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8053	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8052	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8052	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8052	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
569	Continuous Members 549 (Member No. 8316,8320,10162)					
	10162	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10162	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10162	0.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10162	0.495	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8320	0.205	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8320	0.205	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10162	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8316	0.500	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8320	0.205	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10162	0.000	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10162	0.000	CO5	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8316	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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	10162	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10162	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
570	Continuous Members 552 (Member No. 8069,8315,10161)					
	10161	0.148	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10161	0.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10161	0.295	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10161	0.000	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10161	0.000	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10161	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10161	0.000	CO5	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10161	0.000	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8069	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10161	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10161	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
571	Continuous Members 553 (Member No. 8051,10163)					
	10163	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10163	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10163	0.000	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8051	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10163	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10163	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
572	Continuous Members 548 (Member No. 8322,8323,10171)					
	8323	0.205	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8323	0.205	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8322	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8323	0.205	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8323	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8322	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8322	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8322	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
573	Continuous Members 549 (Member No. 8326,8328,10173)					
	8328	0.102	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10173	0.248	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10173	0.495	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8328	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8326	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8328	0.205	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8328	0.205	CO1	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10173	0.248	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10173	0.000	CO4	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8326	0.250	CO4	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8328	0.205	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10173	0.248	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10173	0.000	CO4	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10173	0.000	CO5	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8326	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10173	0.248	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10173	0.248	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8326	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8326	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
574	Continuous Members 552 (Member No. 8324,8325,10172)					
	8325	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10172	0.295	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8325	0.000	CO4	0.00 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	8325	0.000	CO5	0.01 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10172	0.000	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10172	0.000	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8324	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10172	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10172	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
575	Continuous Members 553 (Member No. 8321,10174)					
	10174	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10174	0.295	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10174	0.000	CO1	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10174	0.295	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8321	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10174	0.148	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10174	0.148	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10174	0.148	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10174	0.148	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
576	Continuous Members 548 (Member No. 8337,8338,10182)					
	8337	0.500	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8338	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8338	0.205	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8338	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8338	0.102	CO11	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8338	0.000	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8338	0.205	CO5	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8338	0.000	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
577	Continuous Members 549 (Member No. 8353,8354,10184)					
	8354	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10184	0.248	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8354	0.000	CO4	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8354	0.000	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10184	0.248	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10184	0.495	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8354	0.205	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10184	0.248	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10184	0.000	CO4	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10184	0.000	CO10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10184	0.248	CO6	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10184	0.000	CO5	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10184	0.000	CO6	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
578	Continuous Members 552 (Member No. 8340,8341,10183)					
	8341	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8341	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8341	0.005	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8341	0.005	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10183	0.148	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10183	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10183	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
579	Continuous Members 553 (Member No. 8336,10185)					
	10185	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10185	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10185	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
580	Continuous Members 548 (Member No. 8939,8940,10274)					
	8939	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8940	0.205	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8940	0.205	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8940	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8939	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8939	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
581	Continuous Members 549 (Member No. 8943,8946,10276)					
	8943	0.250	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8946	0.205	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8946	0.205	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8946	0.000	CO1	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8946	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8946	0.000	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8946	0.205	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8946	0.000	CO11	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8946	0.000	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8943	0.500	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
582	Continuous Members 552 (Member No. 8941,10275)					
	8941	0.505	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10275	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10275	0.295	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10275	0.295	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8941	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10275	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
583	Continuous Members 553 (Member No. 8938,10277)					
	10277	0.295	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10277	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10277	0.295	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8938	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
584	Continuous Members 548 (Member No. 8950,8951,10278)					
	8950	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8951	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8951	0.205	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8951	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8950	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8950	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
585	Continuous Members 549 (Member No. 8954,8955,10280)					
	10280	0.495	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8955	0.102	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8955	0.205	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8955	0.205	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8955	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8955	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8955	0.000	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8955	0.205	CO5	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8955	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8955	0.000	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8955	0.000	CO5	0.01 ≤ 1	341)	Buckling about both axes
	8954	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8955	0.102	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
586	Continuous Members 552 (Member No. 8952,10279)					
	8952	0.505	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8952	0.252	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8952	0.505	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10279	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10279	0.295	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8952	0.000	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10279	0.295	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8952	0.252	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10279	0.295	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10279	0.295	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8952	0.505	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8952	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10279	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10279	0.148	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
587	Continuous Members 553 (Member No. 8949,10281)					
	8949	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10281	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10281	0.295	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10281	0.295	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8949	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10281	0.148	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
588	Continuous Members 548 (Member No. 8957,8958,10282)					
	8957	0.250	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8958	0.205	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8958	0.205	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8958	0.205	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8957	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8957	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8957	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
589	Continuous Members 549 (Member No. 8961,8962,10284)					
	8961	0.250	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8962	0.102	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8961	0.500	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8962	0.205	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8962	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8962	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8962	0.000	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8962	0.205	CO5	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8962	0.000	CO11	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8962	0.000	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8961	0.500	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8961	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8961	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
590	Continuous Members 552 (Member No. 8959,10283)					
	8959	0.505	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10283	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10283	0.295	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10283	0.295	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8959	0.000	CO13	0.00	≤ 1	400)	Bending about y-axis
	10283	0.148	CO17	0.00	≤ 1	401)	Serviceability - Negligible deformations
	10283	0.148	CO29	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10283	0.148	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
591	Continuous Members 553 (Member No. 8956,10285)						
	8956	0.295	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10285	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10285	0.295	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10285	0.295	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8956	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
592	Continuous Members 548 (Member No. 8964,8965,10286)						
	8964	0.250	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8965	0.205	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8965	0.205	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8965	0.205	CO2	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8964	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8964	0.250	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8964	0.250	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
593	Continuous Members 549 (Member No. 8968,8969,10288)						
	10288	0.495	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8969	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8969	0.000	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8969	0.000	CO6	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8968	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10288	0.248	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10288	0.248	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
594	Continuous Members 552 (Member No. 8966,10287)						
	8966	0.252	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10287	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10287	0.295	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10287	0.295	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8966	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10287	0.148	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10287	0.148	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
595	Continuous Members 553 (Member No. 8963,10289)						
	10289	0.295	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10289	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10289	0.000	CO4	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8963	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
596	Continuous Members 548 (Member No. 8971,8972,10290)						
	8971	0.000	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8972	0.205	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8972	0.205	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8972	0.205	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8971	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	8971	0.250	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8971	0.250	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
597	Continuous Members 549 (Member No. 8975,8976,10292)						
	10292	0.495	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8976	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8976	0.205	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8976	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8976	0.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8975	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10292	0.248	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10292	0.248	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
598	Continuous Members 552 (Member No. 8973,10291)					
	8973	0.252	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10291	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10291	0.295	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10291	0.295	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8973	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10291	0.148	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
599	Continuous Members 553 (Member No. 8970,10293)					
	10293	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10293	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10293	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8970	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
600	Continuous Members 548 (Member No. 8978,8979,10294)					
	8978	0.250	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8979	0.205	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8979	0.205	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8979	0.205	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8978	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8978	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
601	Continuous Members 549 (Member No. 8982,8983,10296)					
	10296	0.495	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8983	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8983	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8983	0.000	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8982	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10296	0.248	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
602	Continuous Members 552 (Member No. 8980,10295)					
	8980	0.252	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10295	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10295	0.295	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10295	0.295	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8980	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10295	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
603	Continuous Members 553 (Member No. 8977,10297)					
	10297	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10297	0.295	CO4	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10297	0.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10297	0.000	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
604	Continuous Members 548 (Member No. 8985,8986,10298)					
	8986	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8986	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8986	0.205	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8986	0.205	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
605	Continuous Members 549 (Member No. 8993,8994,10300)					
	8994	0.102	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8994	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8993	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8994	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8993	0.000	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	8993	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
606	Continuous Members 552 (Member No. 8989,10299)						
	8989	0.505	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10299	0.000	CO6	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10299	0.295	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10299	0.295	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8989	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	10299	0.148	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10299	0.148	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
607	Continuous Members 553 (Member No. 8984,10301)						
	10301	0.295	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10301	0.148	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10301	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10301	0.295	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10301	0.295	CO5	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8984	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
608	Continuous Members 548 (Member No. 8996,8997,10302)						
	8996	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8997	0.205	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8997	0.000	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8997	0.000	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8997	0.205	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8997	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8997	0.205	CO6	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
609	Continuous Members 549 (Member No. 9000,9001,10304)						
	9000	0.250	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9001	0.205	CO6	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9001	0.102	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9001	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9000	0.000	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9001	0.000	CO4	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9001	0.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9000	0.000	CO6	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
610	Continuous Members 552 (Member No. 8998,10303)						
	8998	0.505	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10303	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10303	0.148	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10303	0.295	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10303	0.295	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10303	0.295	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
611	Continuous Members 553 (Member No. 8995,10305)						
	10305	0.295	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	10305	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10305	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10305	0.295	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10305	0.295	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
612	Continuous Members 548 (Member No. 6332,8355,10193)						
	6332	0.500	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	8355	0.102	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8355	0.205	CO2	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8355	0.102	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8355	0.000	CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8355	0.205	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8355	0.102	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis a

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	8355	0.205	CO2	0.01 ≤ 1	163)	and tension acc. to 6.2.3
	8355	0.000	CO2	0.00 ≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6332	0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6332	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	6332	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6332	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
613	Continuous Members 549 (Member No. 8361,8362,10195)					
	10195	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10195	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10195	0.248	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8362	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8362	0.102	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8362	0.102	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8361	0.250	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8362	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10195	0.495	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8362	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8361	0.000	CO1	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8361	0.500	CO6	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10195	0.000	CO2	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10195	0.495	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8362	0.205	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10195	0.248	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8361	0.500	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10195	0.000	CO2	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10195	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8361	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8361	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10195	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8361	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8361	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
614	Continuous Members 552 (Member No. 8359,10194)					
	8359	0.505	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8359	0.252	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10194	0.148	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8359	0.252	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10194	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10194	0.000	CO11	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8359	0.252	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10194	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8359	0.252	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	10194	0.000	RC10	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10194	0.148	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10194	0.000	CO2	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10194	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10194	0.148	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10194	0.000	CO2	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10194	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8359	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10194	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10194	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8359	0.252	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8359	0.252	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
615	Continuous Members 553 (Member No. 6327,10196)					
	10196	0.000	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10196	0.148	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10196	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10196	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6327	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
616	Continuous Members 548 (Member No. 8364,8411,10197)					
	8364	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8411	0.102	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8411	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8364	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8411	0.205	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8411	0.102	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8411	0.205	CO3	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8411	0.205	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8364	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8364	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8364	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
617	Continuous Members 549 (Member No. 8425,8437,10199)					
	8425	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10199	0.248	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10199	0.495	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8437	0.102	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8437	0.102	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8425	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8437	0.205	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8437	0.205	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10199	0.000	CO7	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8425	0.500	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10199	0.000	CO5	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10199	0.495	CO11	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8437	0.205	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10199	0.248	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8425	0.500	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10199	0.000	CO5	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10199	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8425	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10199	0.248	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10199	0.248	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8425	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8425	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
618	Continuous Members 552 (Member No. 8412,10198)					
	8412	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10198	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10198	0.295	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8412	0.252	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10198	0.000	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8412	0.505	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8412	0.505	CO2	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10198	0.000	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10198	0.000	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10198	0.000	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10198	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8412	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10198	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10198	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8412	0.252	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8412	0.252	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
619	Continuous Members 553 (Member No. 8363,10200)					
	8363	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10200	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10200	0.295	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10200	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10200	0.295	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8363	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10200	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10200	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
620	Continuous Members 548 (Member No. 8508,8510,10222)					
	8508	0.250	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8510	0.205	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8510	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8508	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8510	0.205	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8510	0.205	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8508	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8508	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8508	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
621	Continuous Members 549 (Member No. 8806,8807,10231)					
	10231	0.248	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10231	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10231	0.495	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8807	0.102	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8807	0.102	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8806	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8806	0.250	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8807	0.205	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10231	0.000	CO6	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8806	0.500	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8807	0.102	CO3	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8806	0.500	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8807	0.205	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10231	0.000	CO6	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8806	0.500	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8807	0.102	CO3	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10231	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8806	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10231	0.248	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10231	0.248	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8806	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8806	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
622	Continuous Members 552 (Member No. 8522,10230)					
	8522	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10230	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10230	0.295	CO2	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10230	0.000	RC10	0.00 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10230	0.000	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8522	0.505	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10230	0.148	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10230	0.000	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10230	0.000	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10230	0.000	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10230	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8522	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10230	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10230	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8522	0.252	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8522	0.252	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
623	Continuous Members 553 (Member No. 8438,10232)					
	8438	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10232	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10232	0.000	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10232	0.000	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8438	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10232	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10232	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
624	Continuous Members 548 (Member No. 8809,8813,10254)					
	8809	0.500	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8813	0.102	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8813	0.205	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8813	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8813	0.000	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8813	0.205	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8813	0.102	CO8	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8813	0.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8813	0.205	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8813	0.000	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8809	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8809	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8809	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8813	0.102	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8813	0.102	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
625	Continuous Members 549 (Member No. 8820,8821,10263)					
	10263	0.248	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10263	0.248	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8821	0.000	CO6	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10263	0.248	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8821	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10263	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8820	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8821	0.205	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10263	0.000	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10263	0.000	CO2	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10263	0.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10263	0.000	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10263	0.000	CO2	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10263	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8820	0.000	CO13	0.00 ≤ 1	400)	Bending about y-axis
	10263	0.248	CO18	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10263	0.248	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8821	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8821	0.102	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8821	0.102	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
626	Continuous Members 552 (Member No. 8814,10255)					
	8814	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8814	0.252	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10255	0.148	CO2	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10255	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10255	0.148	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8814	0.505	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10255	0.000	CO2	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10255	0.000	CO2	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8814	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10255	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10255	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8814	0.252	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8814	0.252	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
627	Continuous Members 553 (Member No. 8808,10264)					
	10264	0.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10264	0.148	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10264	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10264	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8808	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10264	0.148	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
628	Continuous Members 548 (Member No. 9032,9035,10332)					
	9032	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9035	0.102	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9035	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9035	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9035	0.205	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9035	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9035	0.205	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9032	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9032	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9032	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
629	Continuous Members 549 (Member No. 9038,9039,10334)					
	10334	0.495	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9039	0.205	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9039	0.205	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9039	0.205	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9039	0.102	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9039	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9039	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9038	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9039	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9039	0.205	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9039	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9039	0.000	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9039	0.000	CO3	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9039	0.205	CO3	0.01 ≤ 1	303)	acc. to 6.2.4 Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9039	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9038	0.000	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9039	0.000	CO3	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9039	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9038	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9039	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9039	0.102	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9039	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
630	Continuous Members 552 (Member No. 9036,10333)					
	9036	0.252	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9036	0.505	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10333	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10333	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10333	0.295	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10333	0.295	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9036	0.252	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10333	0.295	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10333	0.295	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9036	0.505	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9036	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10333	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10333	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
631	Continuous Members 553 (Member No. 9029,10335)					
	9029	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10335	0.295	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10335	0.295	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10335	0.148	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10335	0.295	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10335	0.295	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9029	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10335	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
632	Continuous Members 548 (Member No. 9041,9042,10336)					
	9041	0.000	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9042	0.205	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9042	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9042	0.205	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9042	0.205	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9041	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9041	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9041	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
633	Continuous Members 549 (Member No. 9045,9046,10338)					
	10338	0.248	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9046	0.205	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9046	0.205	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9046	0.102	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9046	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9046	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9045	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9046	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9046	0.000	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9046	0.000	CO3	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9046	0.205	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9046	0.000	CO8	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9046	0.000	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9046	0.000	CO3	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9046	0.102	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9045	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9046	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9046	0.102	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
634	Continuous Members 552 (Member No. 9043,10337)					
	9043	0.252	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9043	0.505	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10337	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10337	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10337	0.295	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10337	0.295	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9043	0.252	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10337	0.295	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10337	0.295	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10337	0.295	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9043	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10337	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10337	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
635	Continuous Members 553 (Member No. 9040,10339)					
	10339	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10339	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10339	0.295	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10339	0.148	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10339	0.295	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10339	0.295	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9040	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10339	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10339	0.148	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
636	Continuous Members 548 (Member No. 9048,9049,10340)					
	9048	0.250	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9049	0.205	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9049	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9049	0.205	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9049	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9049	0.205	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9048	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9048	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9048	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
637	Continuous Members 549 (Member No. 9052,9053,10342)					
	10342	0.000	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9053	0.205	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9053	0.205	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9053	0.102	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9053	0.205	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9053	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9052	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9053	0.000	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10342	0.495	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9053	0.205	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9053	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9052	0.000	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9053	0.205	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9053	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9053	0.205	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9052	0.000	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9053	0.205	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9053	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9052	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9053	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
638	Continuous Members 552 (Member No. 9050,10341)					
	9050	0.505	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9050	0.252	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9050	0.505	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10341	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10341	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10341	0.295	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9050	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9050	0.505	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10341	0.295	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9050	0.505	CO3	0.00 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9050	0.505	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9050	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10341	0.148	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10341	0.148	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
639	Continuous Members 553 (Member No. 9047,10343)					
	9047	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10343	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10343	0.148	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10343	0.295	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10343	0.295	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9047	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
640	Continuous Members 548 (Member No. 9055,9056,10344)					
	9055	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9056	0.205	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9056	0.000	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9056	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9056	0.205	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9056	0.000	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9056	0.205	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9055	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9055	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9055	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9055	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
641	Continuous Members 549 (Member No. 9059,9060,10346)					
	9059	0.250	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9060	0.205	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9060	0.205	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9060	0.102	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9060	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9060	0.102	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9059	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9060	0.205	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9060	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10346	0.495	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9060	0.205	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9060	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9060	0.102	CO3	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9060	0.205	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9060	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9060	0.102	CO3	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9060	0.102	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9059	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9060	0.102	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9060	0.102	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9060	0.102	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
642	Continuous Members 552 (Member No. 9057,10345)					
	9057	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9057	0.252	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10345	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10345	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10345	0.295	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10345	0.295	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9057	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10345	0.295	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9057	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10345	0.148	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10345	0.148	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9057	0.252	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9057	0.252	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
643	Continuous Members 553 (Member No. 9054,10347)					
	9054	0.295	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10347	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10347	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10347	0.295	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10347	0.295	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9054	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
724	Continuous Members 81 (Member No. 10500,10754-10756)					
	10500	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10500	0.210	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10756	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10500	0.210	CO1	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10500	0.000	CO1	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10755	0.250	CO7	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10500	0.210	CO1	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10500	0.000	CO1	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10500	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10500	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10500	0.210	CO13	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10500	0.210	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10755	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10755	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
725	Continuous Members 82 (Member No. 10502,10759,10760)					
	10502	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10759	0.250	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10760	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10760	0.450	CO7	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10502	0.250	CO7	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10502	0.000	CO1	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10759	0.250	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10759	0.500	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10502	0.250	CO7	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10502	0.000	CO1	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10502	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10502	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10760	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10760	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10502	0.125	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10502	0.125	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
726	Continuous Members 83 (Member No. 10504,10765-10767)					
	10504	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10504	0.420	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10767	0.000	CO1	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10504	0.420	CO1	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10765	0.000	CO1	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10504	0.000	CO1	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10765	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10765	0.000	CO1	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10504	0.000	CO1	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10504	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10504	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10504	0.210	CO13	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10504	0.210	CO25	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10504	0.210	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10504	0.210	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
727	Continuous Members 84 (Member No. 10506,10770,10771)					
	10506	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10770	0.500	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10770	0.250	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10506	0.250	CO1	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10771	0.450	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10506	0.000	CO1	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10771	0.000	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10771	0.450	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10506	0.000	CO1	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10506	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10506	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10771	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10771	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10506	0.125	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10506	0.125	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
728	Continuous Members 85 (Member No. 10508,10776-10778)					
	10508	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10508	0.000	CO1	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10508	0.420	CO1	0.02 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10508	0.000	CO1	0.05 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10776	0.500	CO7	0.01 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10508	0.000	CO1	0.06 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10508	0.000	CO1	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10508	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	10508	0.210	CO13	0.01 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
729	Continuous Members 86 (Member No. 10510,10781,10782)					
	10510	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10781	0.250	CO1	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10510	0.250	CO1	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10782	0.450	CO1	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10510	0.000	CO1	0.01 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10781	0.250	CO1	0.02 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10782	0.450	CO1	0.03 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10510	0.000	CO1	0.04 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10510	0.000	CO1	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
730	Continuous Members 87 (Member No. 10512,10787-10789)					
	10512	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10512	0.420	CO1	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10789	0.000	CO1	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10512	0.420	CO1	0.00 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10787	0.000	CO1	0.02 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10512	0.000	CO1	0.04 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10787	0.500	CO1	0.01 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10787	0.000	CO1	0.03 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10512	0.000	CO1	0.05 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
731	Continuous Members 88 (Member No. 10514,10792,10793)					
	10514	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10514	0.125	CO1	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10514	0.250	CO1	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10514	0.250	CO1	0.00 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10793	0.450	CO1	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10514	0.000	CO1	0.01 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10793	0.000	CO1	0.02 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10514	0.125	CO1	0.03 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10514	0.000	CO1	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10514	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10514	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10793	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10793	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10792	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10792	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
732	Continuous Members 89 (Member No. 10516,10798-10800)					
	10516	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10516	0.420	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10798	0.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10798	0.000	CO1	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10516	0.000	CO1	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10799	0.250	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10798	0.000	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10516	0.000	CO1	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10516	0.000	CO1	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10516	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10516	0.210	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10516	0.210	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10516	0.210	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10516	0.210	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
733	Continuous Members 90 (Member No. 10518,10803,10804)					
	10518	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10518	0.000	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10803	0.000	CO2	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10804	0.225	CO1	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	10804	0.450	CO1	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10518	0.125	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10518	0.000	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10804	0.225	CO1	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	10804	0.450	CO1	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10518	0.000	CO1	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10518	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10804	0.225	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10804	0.225	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
734	Continuous Members 91 (Member No. 10520,10809)					
	10809	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10520	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10520	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10520	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
735	Continuous Members 92 (Member No. 10521,10810)					
	10521	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10521	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10521	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10521	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
736	Continuous Members 93 (Member No. 10522,10811)					
	10811	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10522	0.050	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10522	0.050	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10522	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
737	Continuous Members 94 (Member No. 10523,10812)					
	10523	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10523	0.025	CO1	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10523	0.050	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10523	0.050	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations
	10523	0.000	CO13	0.00 ≤ 1	400)	
738	Continuous Members 95 (Member No. 10524,10813)					
	10524	0.050	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10524	0.050	CO1	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10524	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
739	Continuous Members 96 (Member No. 10501,10757,10758)					
	10501	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10501	0.450	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10501	0.450	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10501	0.225	CO7	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10501	0.000	CO1	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10757	0.000	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10501	0.000	CO1	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10501	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10501	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10501	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10501	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10758	0.125	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10758	0.125	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
740	Continuous Members 97 (Member No. 10503,10761-10764)					
	10764	0.450	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10761	0.250	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10503	0.050	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10503	0.050	CO1	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10503	0.050	CO1	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10764	0.450	CO1	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10503	0.000	CO1	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10762	0.500	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10761	0.250	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10503	0.000	CO1	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10503	0.000	CO1	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10503	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10764	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10764	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10761	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10761	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
741	Continuous Members 98 (Member No. 10505,10768,10769)					
	10505	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10505	0.225	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10769	0.000	CO1	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10505	0.000	CO7	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10505	0.000	CO1	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10505	0.000	CO7	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10505	0.000	CO1	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10505	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10505	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10505	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10505	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10769	0.125	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10769	0.125	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
742	Continuous Members 99 (Member No. 10507,10772-10775)						
	10775	0.450	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10772	0.250	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	10507	0.050	CO1	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	10507	0.050	CO1	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	10775	0.450	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	10507	0.000	CO1	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	10773	0.000	CO1	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	10772	0.250	CO1	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	10507	0.000	CO1	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	10507	0.000	CO1	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	10507	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10775	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10775	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	743	Continuous Members 100 (Member No. 10509,10779,10780)					
10509		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
10509		0.450	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
10509		0.110	CO1	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
10509		0.110	CO7	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
10779		0.250	CO1	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
10509		0.000	CO1	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
10779		0.250	CO7	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
10509		0.110	CO7	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
10779		0.250	CO1	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
10509		0.000	CO1	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
10509		0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
10509		0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
10509		0.110	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
744		Continuous Members 101 (Member No. 10511,10783-10786)					
	10786	0.450	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	10511	0.000	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	10511	0.000	CO1	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	10784	0.250	CO1	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	10511	0.000	CO1	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	10511	0.000	CO1	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	10511	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	10786	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	10786	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10786	0.225	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	10786	0.225	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	745	Continuous Members 102 (Member No. 10513,10790,10791)					
		10513	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		10513	0.000	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
10791		0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
10513		0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
10791		0.250	CO1	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc.	

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10790	0.250	CO1	0.01 ≤ 1	303)	acc. to 6.2.4 Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10513	0.000	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10791	0.250	CO1	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10513	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10513	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10513	0.110	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10513	0.110	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10790	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10790	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
746	Continuous Members 103 (Member No. 10515,10794-10797)					
	10797	0.450	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10515	0.000	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10515	0.000	CO1	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10795	0.250	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10515	0.000	CO1	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10515	0.000	CO1	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10515	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10797	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10797	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10794	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10794	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
747	Continuous Members 104 (Member No. 10517,10801,10802)					
	10517	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10517	0.000	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10517	0.450	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10517	0.000	CO1	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10801	0.500	CO1	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10801	0.250	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10517	0.000	CO1	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10801	0.500	CO1	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10517	0.000	CO1	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10517	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10517	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10517	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10801	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10801	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
748	Continuous Members 105 (Member No. 10519,10805-10808)					
	10808	0.450	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10805	0.500	CO1	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10805	0.500	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10808	0.450	CO1	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10519	0.000	CO1	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10806	0.500	CO1	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	10808	0.450	CO1	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10519	0.000	CO1	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10519	0.000	CO1	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10519	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10808	0.225	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10808	0.225	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10805	0.250	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10805	0.250	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
749	Continuous Members 749 (Member No. 9266,10833)					
	10833	0.250	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9266	0.217	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9266	0.217	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9266	0.217	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9266	0.000	CO8	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9266	0.433	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9266	0.433	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9266	0.217	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9266	0.433	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9266	0.000	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9266	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9266	0.217	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9266	0.217	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9266	0.217	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9266	0.217	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
750	Continuous Members 750 (Member No. 10057,10834)					
	10834	0.250	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10057	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10057	0.433	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10057	0.217	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10834	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10057	0.217	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10057	0.433	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10057	0.000	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10057	0.433	CO2	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10057	0.433	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10057	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10057	0.217	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10057	0.217	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10057	0.217	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10057	0.217	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
751	Continuous Members 751 (Member No. 10651,10835)					
	10835	0.250	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10651	0.217	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10651	0.433	CO2	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10651	0.217	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10835	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10651	0.217	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10651	0.433	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10651	0.217	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10651	0.433	CO2	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10651	0.433	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10651	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10651	0.217	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10651	0.217	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10651	0.217	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10651	0.217	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
752	Continuous Members 752 (Member No. 10705,10836)					

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10836	0.250	CO4	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10705	0.000	CO1	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10705	0.217	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	10705	0.217	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10705	0.000	CO8	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10705	0.217	RC10	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10705	0.433	RC10	0.03 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10705	0.000	CO1	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	10705	0.433	CO2	0.02 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	10705	0.000	CO2	0.00 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10705	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	10705	0.217	CO13	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10705	0.217	CO25	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10705	0.217	CO15	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10705	0.217	CO27	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
753	Continuous Members 753 (Member No. 9275,10011,10838)					
	9275	0.250	CO4	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10838	0.000	RC10	0.05 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10838	0.000	CO2	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9275	0.000	RC10	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10838	0.000	CO2	0.00 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9275	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	9275	0.250	CO14	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9275	0.250	CO26	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
754	Continuous Members 754 (Member No. 10080,10083,10840)					
	10083	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10840	0.067	CO1	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10840	0.000	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	10840	0.000	RC10	0.06 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10840	0.133	CO11	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10840	0.000	RC10	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10840	0.000	CO9	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10840	0.133	CO5	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10840	0.000	CO3	0.01 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10840	0.133	CO11	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10840	0.133	CO5	0.01 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10840	0.000	CO3	0.01 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10840	0.000	CO5	0.00 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10080	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	10080	0.250	CO17	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10080	0.250	CO29	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10840	0.067	CO15	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
755	Continuous Members 755 (Member No. 10656,10687,10842)					
	10687	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	10842	0.000	CO3	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10842	0.000	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	10842	0.000	RC10	0.06 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10842	0.133	CO12	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10842	0.000	RC10	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10842	0.133	CO6	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10842	0.133	CO12	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10842	0.000	CO6	0.01 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - B

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
756	10842	0.000	CO6	0.00 ≤ 1	341)	Buckling about both axes
	10656	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10656	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10656	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	Continuous Members 756 (Member No. 10708,10709,10844)					
	10708	0.500	CO4	0.00 ≤ 1	100)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10844	0.067	CO3	0.00 ≤ 1	112)	Cross-section resistance - Negligible internal forces
	10844	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10844	0.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10844	0.133	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
757	10844	0.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10844	0.000	CO3	0.00 ≤ 1	311)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10708	0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10708	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	10708	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	Continuous Members 757 (Member No. 9268,9273,10837)					
	9268	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9273	0.183	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9273	0.183	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10837	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
9268	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
10837	0.000	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
758	10837	0.000	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10837	0.000	CO2	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9268	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9268	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9268	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Continuous Members 758 (Member No. 10060,10063,10839)					
	10060	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10839	0.067	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10839	0.067	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10063	0.183	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
10839	0.000	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
10060	0.000	CO4	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
10839	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
10839	0.000	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
10060	0.000	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
10839	0.000	CO3	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
10060	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
10060	0.000	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
10839	0.000	CO3	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
10839	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
10060	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
10060	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
10060	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10060	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
10060	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
759	Continuous Members 759 (Member No. 10652,10654,10841)					
	10652	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10841	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10841	0.067	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10654	0.183	RC10	0.01 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	10841	0.000	RC10	0.09 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10652	0.000	CO1	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10841	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10841	0.000	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10841	0.000	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10841	0.000	CO3	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10652	0.000	CO1	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10841	0.000	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10841	0.000	CO3	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10841	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	10652	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10652	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10652	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10652	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10652	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
760	Continuous Members 760 (Member No. 10706,10707,10843)					
	10706	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10707	0.367	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10707	0.183	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10843	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10843	0.000	CO2	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10843	0.000	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10843	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10843	0.000	CO2	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10706	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	10706	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	10706	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10706	0.250	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	10706	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
761	Continuous Members 761 (Member No. 1171,10886)					
	10886	0.250	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1171	0.217	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1171	0.433	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1171	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1171	0.433	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1171	0.217	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1171	0.217	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1171	0.433	CO5	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1171	0.000	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1171	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1171	0.217	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1171	0.217	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1171	0.217	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1171	0.217	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
762	Continuous Members 762 (Member No. 1172,10887)					
	1172	0.433	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1172	0.217	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	10887	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1172	0.217	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1172	0.433	CO5	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1172	0.433	CO5	0.01 ≤ 1	311)	to 6.2.3 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1172	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1172	0.217	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1172	0.217	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1172	0.217	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1172	0.217	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
763	Continuous Members 763 (Member No. 1397,10888)					
	1397	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1397	0.217	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1397	0.433	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force V _y acc. to 6.1.7
	1397	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10888	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1397	0.433	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10888	0.500	CO11	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1397	0.217	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1397	0.433	CO5	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1397	0.433	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1397	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1397	0.217	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1397	0.217	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1397	0.217	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1397	0.217	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
764	Continuous Members 764 (Member No. 1444,10889)					
	10889	0.250	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1444	0.217	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1444	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1444	0.217	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1444	0.433	CO6	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1444	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1444	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1444	0.217	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1444	0.217	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1444	0.217	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1444	0.217	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
765	Continuous Members 765 (Member No. 1175,1176,10891)					
	1175	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10891	0.133	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10891	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10891	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10891	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1175	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1175	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1175	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
766	Continuous Members 766 (Member No. 1179,1180,10893)					
	10893	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10893	0.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10893	0.133	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10893	0.133	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10893	0.133	CO6	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10893	0.133	CO12	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10893	0.133	CO6	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10893	0.000	CO6	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1179	0.000	CO13	0.00 ≤ 1	400)	Bending about y-axis
	1179	0.250	CO24	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	1179	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
767	Continuous Members 767 (Member No. 1400,1401,10895)					
	10895	0.067	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10895	0.000	CO1	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10895	0.133	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10895	0.133	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10895	0.133	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10895	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10895	0.000	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10895	0.133	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10895	0.000	CO5	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	10895	0.133	CO11	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10895	0.133	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10895	0.000	CO5	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10895	0.000	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1400	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1400	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1400	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
768	Continuous Members 768 (Member No. 1457,1474,10897)					
	1457	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10897	0.000	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10897	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10897	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1457	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1457	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1457	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
769	Continuous Members 769 (Member No. 1173,1174,10890)					
	1174	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1174	0.183	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10890	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10890	0.000	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10890	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10890	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	10890	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10890	0.000	CO4	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1173	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1173	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1173	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1173	0.250	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1173	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
770	Continuous Members 770 (Member No. 1177,1178,10892)					
	1177	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10892	0.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10892	0.067	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10892	0.000	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10892	0.000	CO2	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1177	0.000	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10892	0.000	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1177	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	10892	0.000	CO5	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10892	0.000	CO5	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1177	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1177	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1177	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1177	0.250	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1177	0.250	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
771	Continuous Members 771 (Member No. 1398,1399,10894)					
	1398	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	10894	0.033	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	10894	0.067	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10894	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10894	0.000	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1398	0.000	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10894	0.000	CO9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10894	0.000	CO1	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	10894	0.000	CO5	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1398	0.000	CO5	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	10894	0.000	CO1	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	10894	0.000	CO5	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	10894	0.000	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1398	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1398	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1398	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1398	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
772	Continuous Members 772 (Member No. 1445,1456,10896)					
	10896	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1456	0.367	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	10896	0.000	CO6	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	10896	0.000	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	10896	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	10896	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	10896	0.000	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1445	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1445	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1445	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1445	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
773	Continuous Members 773 (Member No. 7793,7810,7846)					
	7810	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7793	0.050	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7793	0.050	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7793	0.050	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7793	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7810	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7793	0.000	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7793	0.100	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7793	0.000	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7793	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7810	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7810	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7793	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7793	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
774	Continuous Members 774 (Member No. 7870,7887,7904)					
	7887	0.000	CO8	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	7870	0.000	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7870	0.000	RC10	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7870	0.000	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7870	0.000	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7870	0.000	CO5	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7870	0.050	CO12	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7870	0.000	RC10	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7870	0.000	CO2	0.02 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7870	0.100	RC10	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7870	0.000	RC10	0.01 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7870	0.100	RC10	0.01 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7870	0.100	RC10	0.00 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7870	0.000	RC10	0.01 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7870	0.100	RC10	0.01 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7870	0.050	RC10	0.00 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7870	0.000	CO6	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7870	0.100	RC10	0.01 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7870	0.000	RC10	0.01 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7870	0.100	RC10	0.01 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7870	0.100	RC10	0.00 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7870	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	7887	0.250	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7887	0.250	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7870	0.050	CO14	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7870	0.050	CO26	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
775	Continuous Members 775 (Member No. 7909,7926,7943)					
	7926	0.500	CO12	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	7909	0.050	RC10	0.00 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7909	0.100	CO2	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7909	0.050	RC10	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7926	0.000	CO3	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7909	0.100	RC10	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7909	0.000	CO5	0.03 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7909	0.100	CO6	0.00 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7909	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	7926	0.250	CO17	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7926	0.250	CO29	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7909	0.050	CO17	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7909	0.050	CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
776	Continuous Members 776 (Member No. 7948,7965,7982)					
	7965	0.250	CO3	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	7948	0.050	RC10	0.00 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7948	0.100	CO9	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7965	0.500	CO2	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7948	0.000	RC10	0.02 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7948	0.000	CO4	0.00 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7948	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	7965	0.250	CO16	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7965	0.250	CO28	0.00 ≤ 1	402)	Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7948	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7948	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
777	Continuous Members 777 (Member No. 8006,8023,8059)					
	8006	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8006	0.050	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8006	0.050	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8006	0.050	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8006	0.100	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8023	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8006	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8006	0.000	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8006	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8023	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8023	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8006	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8006	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
778	Continuous Members 778 (Member No. 8083,8100,8117)					
	8100	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8083	0.050	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8083	0.050	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8083	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8083	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8083	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8083	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8083	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8083	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8083	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8083	0.100	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8100	0.500	RC10	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8083	0.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8083	0.100	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8083	0.000	RC10	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8083	0.050	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8083	0.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8083	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8083	0.100	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8083	0.000	RC10	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8083	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8083	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8100	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8100	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8083	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
779	Continuous Members 779 (Member No. 8122,8139,8156)					
	8139	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8122	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8122	0.000	CO4	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8122	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8122	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8122	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8122	0.100	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8122	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8122	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8122	0.050	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8122	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8122	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8122	0.100	CO4	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8122	0.000	CO5	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8122	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8122	0.100	CO4	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8122	0.000	CO5	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8122	0.000	CO4	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8122	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8139	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8139	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
780	Continuous Members 780 (Member No. 8161,8178,8195)					
	8161	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8161	0.050	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8161	0.050	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8161	0.100	CO9	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8161	0.100	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8178	0.500	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8161	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8161	0.000	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8161	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8178	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8178	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8161	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8161	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
781	Continuous Members 781 (Member No. 8219,8236,8272)					
	8236	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8219	0.050	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8219	0.050	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8219	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8219	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8236	0.500	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8236	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8236	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8219	0.050	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8219	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8219	0.100	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8219	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8236	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8236	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8219	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8219	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
782	Continuous Members 782 (Member No. 8296,8313,8330)					
	8313	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8296	0.050	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8296	0.050	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8296	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8296	0.050	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8296	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8313	0.000	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8296	0.100	CO9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8296	0.100	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8296	0.050	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8313	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8296	0.100	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8296	0.050	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8296	0.100	RC10	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8313	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8296	0.050	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8296	0.100	RC10	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8296	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8296	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8313	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8313	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8296	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8296	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
783	Continuous Members 783 (Member No. 8335,8352,8369)					
	8352	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8335	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8335	0.050	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8335	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8352	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8335	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8335	0.100	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8335	0.100	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8335	0.100	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8352	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8335	0.000	CO4	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8335	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8352	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8352	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8335	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8335	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
784	Continuous Members 784 (Member No. 8374,8410,8427)					
	8410	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8374	0.000	CO9	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8374	0.100	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8410	0.500	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8410	0.000	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8374	0.100	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8374	0.100	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8374	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8410	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8410	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8374	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8374	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
785	Continuous Members 785 (Member No. 9528,9539,9550)					
	9539	0.440	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9528	0.100	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9528	0.050	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9528	0.000	CO4	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9528	0.100	CO4	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9528	0.100	CO9	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9539	0.220	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9528	0.100	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9539	0.000	CO4	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9539	0.220	CO10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9528	0.100	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9539	0.440	CO10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9528	0.100	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9528	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9539	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9528	0.100	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9528	0.000	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9528	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9528	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9539	0.220	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9528	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9528	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
786	Continuous Members 786 (Member No. 9564,9575,9577)					
	9575	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9564	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9564	0.000	CO4	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9564	0.100	CO4	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9575	0.250	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9575	0.500	CO4	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9575	0.000	CO4	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9564	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9564	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9575	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9575	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9575	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9564	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
787	Continuous Members 787 (Member No. 9582,9593,9595)					
	9593	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9582	0.050	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9582	0.000	CO4	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9582	0.100	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9582	0.050	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9582	0.050	RC10	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9593	0.500	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9593	0.000	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9582	0.050	CO11	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9593	0.000	CO5	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9582	0.000	CO2	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9582	0.000	CO11	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9582	0.000	CO2	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9582	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9582	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9593	0.250	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9593	0.250	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9593	0.250	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9593	0.250	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
788	Continuous Members 788 (Member No. 9600)						
	9600	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9600	0.000	CO1	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9600	0.000	CO3	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9600	0.100	CO4	0.12	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9600	0.050	RC10	0.24	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9600	0.000	CO3	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9600	0.000	CO11	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9600	0.100	CO1	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9600	0.000	CO4	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9600	0.000	CO5	0.13	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9600	0.100	CO1	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9600	0.000	CO4	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9600	0.000	CO2	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9600	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9600	0.050	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9600	0.050	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9600	0.050	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9600	0.050	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
789	Continuous Members 789 (Member No. 9659)						
	9659	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9659	0.490	CO12	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9659	0.245	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9659	0.000	CO5	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9659	0.000	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9659	0.000	CO10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9659	0.000	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9659	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9659	0.245	CO12	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9659	0.245	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9659	0.000	CO11	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9659	0.245	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9659	0.245	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9659	0.490	CO4	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9659	0.000	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9659	0.000	CO5	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9659	0.245	CO2	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.245	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.490	CO4	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9659	0.000	CO2	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9659	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9659	0.245	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9659	0.245	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9659	0.245	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9659	0.245	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
790	Continuous Members 790 (Member No. 8022,8058)					
	8058	0.400	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8022	0.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8022	0.400	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8022	0.200	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8022	0.200	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8058	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8058	0.400	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8022	0.200	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8022	0.400	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8058	0.000	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8022	0.200	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8058	0.400	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8058	0.000	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8022	0.400	CO3	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8058	0.400	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8022	0.000	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8058	0.400	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8058	0.000	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8022	0.400	CO3	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8058	0.400	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8058	0.400	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8022	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8058	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8058	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8022	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8022	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
791	Continuous Members 791 (Member No. 8099,8116)					
	8099	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8099	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8099	0.200	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8099	0.400	CO9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8099	0.200	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8099	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8116	0.400	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8099	0.400	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8116	0.400	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8099	0.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8099	0.400	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8099	0.400	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8116	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8099	0.400	CO9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8116	0.400	CO2	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8099	0.000	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8116	0.400	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8116	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8099	0.400	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8116	0.400	CO2	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8099	0.000	CO2	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8099	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8116	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8116	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8099	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8099	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
792	Continuous Members 792 (Member No. 8138,8155)					
	8138	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8138	0.200	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8138	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8138	0.400	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8138	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8155	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8138	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8138	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8155	0.400	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8138	0.200	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8138	0.400	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8155	0.400	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8138	0.400	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8138	0.000	CO9	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8155	0.000	CO9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8155	0.400	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8155	0.400	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8138	0.400	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8138	0.000	CO3	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8138	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8138	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8155	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8155	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8138	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
793	Continuous Members 793 (Member No. 8177,8194)					
	8177	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8194	0.200	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8177	0.200	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8177	0.400	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8177	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8177	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8194	0.200	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8177	0.400	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8177	0.000	CO6	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8194	0.200	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8177	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8177	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8194	0.200	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8177	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8177	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8177	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8194	0.400	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8194	0.200	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8177	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8177	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8177	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8177	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8194	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8194	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8177	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8177	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
794	Continuous Members 794 (Member No. 8235,8271)					
	8235	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8235	0.200	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8235	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8235	0.200	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8235	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8235	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8271	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8271	0.200	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8235	0.400	CO4	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8235	0.200	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8271	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8271	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8235	0.200	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8271	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8235	0.400	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8271	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8271	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8235	0.200	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8271	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8271	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8235	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8271	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8271	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8235	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8271	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
795	Continuous Members 795 (Member No. 8312,8329)					
	8312	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8312	0.200	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8312	0.200	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8312	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8329	0.200	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8312	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8329	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8312	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8329	0.200	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8312	0.200	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8312	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8312	0.200	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8312	0.200	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8312	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8329	0.200	CO6	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8312	0.400	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8312	0.200	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8312	0.200	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8329	0.000	CO2	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8312	0.400	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8312	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8329	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8329	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8312	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8312	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
796	Continuous Members 796 (Member No. 8351,8368)					
	8351	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8368	0.400	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8351	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8368	0.400	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8351	0.200	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8368	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8368	0.400	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8351	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8368	0.400	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8368	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8368	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8351	0.000	CO4	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8368	0.000	CO2	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8351	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8368	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8368	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8351	0.000	CO4	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8368	0.000	CO2	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8351	0.400	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8351	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8368	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8368	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8368	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8368	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
797	Continuous Members 797 (Member No. 8409,8426)					
	8409	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8409	0.200	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8426	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8426	0.000	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8426	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8426	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8426	0.000	CO5	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8409	0.200	CO10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8426	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8409	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8426	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8426	0.000	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8409	0.200	CO4	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8426	0.000	RC10	0.08 ≤ 1	333)	to 6.3.2 - Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8426	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8409	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8426	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8426	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8409	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8426	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
798	Continuous Members 798 (Member No. 8005,8020,8021,8060)					
	8005	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8021	0.000	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8021	0.000	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8005	0.100	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8005	0.050	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8005	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8021	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8020	0.500	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8005	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8005	0.100	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8060	0.100	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8005	0.000	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8005	0.000	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8060	0.100	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8005	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8021	0.000	RC10	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8005	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8005	0.000	CO3	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8060	0.100	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8005	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8060	0.100	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8005	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8020	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8020	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8060	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8005	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
799	Continuous Members 799 (Member No. 8082,8097,8098,8118)					
	8082	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8082	0.050	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8097	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8118	0.000	CO3	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8082	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8118	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8097	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8098	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8118	0.100	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8098	0.500	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8097	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8118	0.100	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8082	0.050	CO3	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8097	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis acc.

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8082	0.000	CO3	0.07 ≤ 1	173)	and compression acc. to 6.2.4
	8097	0.250	RC10	0.01 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8118	0.100	CO6	0.03 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8082	0.050	CO3	0.08 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8097	0.500	RC10	0.02 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8082	0.000	CO3	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8082	0.000	CO2	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8082	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8097	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8097	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8118	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
800	Continuous Members 800 (Member No. 8121,8136,8137,8157)					
	8121	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8121	0.100	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8121	0.100	CO2	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8157	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8121	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8157	0.050	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8137	0.500	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8136	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8121	0.000	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8136	0.250	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8136	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8157	0.100	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8136	0.000	CO3	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8136	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8121	0.000	CO3	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8136	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8157	0.100	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8136	0.000	CO3	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8136	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8121	0.000	CO3	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8121	0.000	CO2	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8121	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8136	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8136	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8157	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
801	Continuous Members 801 (Member No. 8160,8175,8176,8196)					
	8176	0.250	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8176	0.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8175	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8196	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8160	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8160	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8175	0.000	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8176	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8196	0.100	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8176	0.500	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8196	0.100	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8196	0.100	RC10	0.07 ≤ 1	163)	and tension acc. to 6.2.3 Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8175	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8196	0.100	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8196	0.100	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8175	0.500	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8175	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8196	0.100	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8160	0.000	CO2	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8160	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8175	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8175	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8196	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8160	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
802	Continuous Members 802 (Member No. 8218,8233,8234,8273)					
	8218	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8233	0.250	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8233	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8234	0.250	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8218	0.000	CO3	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8218	0.050	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8234	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8218	0.100	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8218	0.100	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8234	0.250	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8233	0.250	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8273	0.100	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8234	0.250	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8233	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8273	0.100	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8233	0.250	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8273	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8234	0.250	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8233	0.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8273	0.100	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8273	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8218	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8234	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8234	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8218	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8218	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
803	Continuous Members 803 (Member No. 8295,8310,8311,8331)					
	8295	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8295	0.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8295	0.050	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8295	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8295	0.050	RC10	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8295	0.050	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8295	0.000	RC10	0.01 ≤ 1	152)	6.1.8 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8295	0.000	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8310	0.000	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8295	0.100	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8331	0.050	CO9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8310	0.000	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8295	0.100	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8310	0.500	CO9	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8310	0.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8331	0.050	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8310	0.000	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8295	0.100	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8295	0.100	CO3	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8295	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8311	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8310	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8295	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8295	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
804	Continuous Members 804 (Member No. 8334,8349,8350,8370)					
	8334	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8350	0.250	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8349	0.250	CO3	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8370	0.100	CO9	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8334	0.050	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8334	0.050	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8350	0.250	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8334	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8334	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8350	0.250	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8350	0.500	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8334	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8370	0.100	CO12	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8350	0.500	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8350	0.000	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8349	0.000	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8350	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8350	0.250	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8350	0.500	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8350	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8370	0.000	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8334	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8350	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8349	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8334	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8334	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
805	Continuous Members 805 (Member No. 8373,8388,8389,8428)					
	8373	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8388	0.250	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8388	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8373	0.000	CO11	0.03 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	8373	0.000	RC10	0.08 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	8373	0.050	RC10	0.10 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8388	0.250	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8389	0.000	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8373	0.100	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8428	0.100	CO3	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8373	0.100	CO4	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8373	0.100	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8389	0.250	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8388	0.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8428	0.100	CO3	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	CO4	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8373	0.100	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8373	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8389	0.250	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8389	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8373	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8373	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
806	Continuous Members 806 (Member No. 8004,8019)					
	8004	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8019	0.000	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8019	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8019	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz
	8004	0.200	RC10	0.01 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	8004	0.200	RC10	0.01 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8004	0.200	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8004	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8019	0.400	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8019	0.000	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8019	0.200	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8004	0.000	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8004	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8019	0.400	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8004	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8019	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8019	0.000	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8019	0.400	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8004	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8004	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8004	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8004	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8019	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8019	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
807	Continuous Members 807 (Member No. 8081,8096)					

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■ 2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8081	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8096	0.200	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8096	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8081	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8096	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8096	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8096	0.200	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8096	0.400	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8081	0.200	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8096	0.400	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8081	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8081	0.000	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8096	0.400	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8081	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8096	0.200	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8081	0.000	CO2	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8096	0.400	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8081	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8081	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8081	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8081	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8096	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8081	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
808	Continuous Members 808 (Member No. 8120,8135)					
	8120	0.000	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8135	0.200	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8120	0.200	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8120	0.400	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8135	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8120	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8135	0.200	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8120	0.400	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8135	0.400	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8120	0.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8135	0.400	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8135	0.400	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8120	0.200	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8135	0.400	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8120	0.000	CO2	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8120	0.400	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8120	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8135	0.400	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	CO2	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8120	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8120	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8120	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8120	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8120	0.200	CO16	0.00 ≤ 1	406)	7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8120	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
809	Continuous Members 809 (Member No. 8159,8174)					
	8159	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8174	0.400	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8174	0.400	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8174	0.200	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8174	0.200	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8174	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8159	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8174	0.400	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8174	0.400	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8174	0.000	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8174	0.400	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8174	0.400	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8159	0.000	CO4	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8174	0.400	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8174	0.400	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8174	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8159	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8159	0.000	CO4	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8174	0.400	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8174	0.400	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8159	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8159	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8159	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8159	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8174	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8174	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
810	Continuous Members 810 (Member No. 8217,8232)					
	8217	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8232	0.200	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8232	0.200	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8232	0.000	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8217	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8232	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8217	0.400	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8232	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8232	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8232	0.000	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8232	0.200	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8217	0.400	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8217	0.400	CO8	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8232	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8217	0.400	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8232	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8217	0.400	RC10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8232	0.000	RC10	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8232	0.200	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8217	0.400	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8217	0.400	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8217	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8217	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8217	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8232	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8232	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
811	Continuous Members 811 (Member No. 8294,8309)					
	8294	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8294	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8294	0.200	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8294	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8294	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8309	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8294	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8294	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8309	0.400	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8294	0.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8309	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8294	0.400	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8294	0.200	CO3	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8309	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8294	0.400	CO3	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8309	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8294	0.200	CO3	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8309	0.200	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	CO3	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8294	0.400	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8294	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8294	0.200	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8294	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8309	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8309	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
812	Continuous Members 812 (Member No. 8333,8348)					
	8333	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8348	0.200	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8348	0.200	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8348	0.200	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8333	0.200	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8333	0.200	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8348	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8333	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8333	0.400	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8333	0.000	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8333	0.400	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8333	0.400	CO6	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8348	0.200	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8333	0.400	CO3	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8348	0.200	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8348	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8333	0.400	CO6	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8348	0.200	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8333	0.400	CO3	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8333	0.400	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8333	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8333	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8333	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8348	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8348	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
813	Continuous Members 813 (Member No. 8372,8387)					
	8372	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8387	0.200	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8387	0.200	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8372	0.000	RC10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8387	0.200	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8372	0.200	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8387	0.200	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8372	0.400	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8372	0.200	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8387	0.200	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8372	0.400	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8387	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC10	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8372	0.200	CO3	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8387	0.200	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8372	0.400	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8372	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8372	0.200	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8372	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8387	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8387	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
814	Continuous Members 814 (Member No. 8017,8018,8061)					
	8061	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8061	0.100	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8061	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8061	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8061	0.050	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8061	0.100	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8061	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8061	0.100	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8061	0.100	CO5	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8061	0.100	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8017	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8018	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8018	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8061	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - 1

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
815	8061	0.050	CO26	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Continuous Members 815 (Member No. 8094,8095,8119)						
	8095	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8119	0.100	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8119	0.000	CO12	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8119	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8119	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8095	0.000	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8119	0.100	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8119	0.100	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8119	0.000	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8119	0.100	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	8119	0.100	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8119	0.100	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8094	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
8095	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
8095	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
8119	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
8119	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
816	Continuous Members 816 (Member No. 8133,8134,8158)						
	8134	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8158	0.000	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8158	0.050	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	8158	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8158	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8158	0.100	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8158	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8158	0.100	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8158	0.050	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8158	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	8158	0.100	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8158	0.100	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8133	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	8134	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
8134	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
8158	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
8158	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
817	Continuous Members 817 (Member No. 8172,8173,8197)						
	8173	0.250	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	8197	0.050	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	8197	0.050	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	8197	0.100	CO3	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	8197	0.100	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	8197	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	8197	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	8197	0.050	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	8197	0.000	CO3	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	8197	0.100	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	8172	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	8173	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	8173	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	8197	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8197	0.050	CO28	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
818	Continuous Members 818 (Member No. 8230,8231,8274)					
	8231	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8274	0.050	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8274	0.100	CO3	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8274	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8274	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8274	0.050	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8231	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8274	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8274	0.050	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8274	0.000	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8274	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8274	0.000	RC10	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8230	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8231	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8231	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8231	0.250	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
819	Continuous Members 819 (Member No. 8307,8308,8332)					
	8307	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8332	0.050	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8332	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8332	0.050	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8332	0.050	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8308	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8308	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8308	0.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8332	0.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8308	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8332	0.100	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8332	0.100	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8332	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8332	0.100	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8332	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8307	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8308	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8308	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8332	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8332	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
820	Continuous Members 820 (Member No. 8346,8347,8371)					
	8347	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8371	0.050	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8371	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8371	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8347	0.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8371	0.000	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8371	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8371	0.100	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8371	0.000	CO6	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8371	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8371	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8371	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8371	0.000	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8371	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	8346	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8347	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8347	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8371	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8371	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
821	Continuous Members 821 (Member No. 8385,8386,8429)					
	8386	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8429	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8429	0.000	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8386	0.500	CO12	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8429	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8386	0.500	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8429	0.000	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8386	0.500	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8385	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8386	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8386	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8386	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8386	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
822	Continuous Members 822 (Member No. 7804,7805,7848)					
	7805	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7848	0.050	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7848	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7848	0.050	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7805	0.500	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7805	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7848	0.100	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7848	0.050	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7848	0.100	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7848	0.000	CO5	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7848	0.100	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7804	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7805	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7805	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7848	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
823	Continuous Members 823 (Member No. 7881,7882,7906)					
	7882	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7906	0.100	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7906	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7906	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7906	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7906	0.100	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7906	0.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7906	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7906	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7906	0.000	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7906	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7906	0.100	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7881	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
824	7882	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	7882	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	7906	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	7906	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Continuous Members 824 (Member No. 7920,7921,7945)						
		7921	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		7945	0.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		7945	0.000	CO3	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		7945	0.100	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		7945	0.050	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		7921	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		7945	0.100	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		7945	0.100	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		7945	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		7945	0.100	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		7945	0.100	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7920	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	7921	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	7921	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	7945	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	7945	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
825	Continuous Members 825 (Member No. 7959,7960,7984)						
		7960	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		7984	0.050	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		7984	0.000	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		7984	0.000	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		7960	0.000	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		7984	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		7984	0.050	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		7960	0.500	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
		7984	0.000	CO5	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		7984	0.100	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
		7959	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
		7960	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
		7960	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
		7984	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
		7984	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
826	Continuous Members 826 (Member No. 9533,9534,9552)						
		9534	0.250	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		9552	0.050	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		9552	0.050	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		9552	0.050	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
		9552	0.000	CO6	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
		9534	0.250	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
		9534	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
		9552	0.100	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
		9552	0.050	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
		9552	0.100	CO11	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
		9552	0.100	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
		9533	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
		9534	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
		9534	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
		9552	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9552	0.050	CO26	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
827	Continuous Members 827 (Member No. 9569,9570,9579)					
	9570	0.250	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9579	0.100	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9579	0.000	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9579	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9579	0.100	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9579	0.100	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9579	0.100	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9579	0.050	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9579	0.100	CO6	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9579	0.100	CO2	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9579	0.100	RC10	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9569	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9570	0.250	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9570	0.250	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9579	0.050	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9579	0.050	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
828	Continuous Members 828 (Member No. 9587,9588,9597)					
	9588	0.250	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9597	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9597	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9597	0.100	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9597	0.100	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9597	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9597	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9588	0.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9597	0.050	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9597	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9597	0.100	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9597	0.100	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9587	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9588	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9588	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9597	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9597	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
829	Continuous Members 829 (Member No. 9605)					
	9605	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9605	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
830	Continuous Members 830 (Member No. 9655)					
	9655	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9655	0.490	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9655	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9655	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9655	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9655	0.490	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9655	0.000	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9655	0.490	CO11	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9655	0.000	CO1	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9655	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9655	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9655	0.245	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9655	0.245	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9655	0.245	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9655	0.245	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
831	Continuous Members 831 (Member No. 9663)					
	9663	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9663	0.090	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9663	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9663	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9663	0.000	CO5	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9663	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9663	0.090	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9663	0.090	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9663	0.090	CO10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9663	0.090	CO6	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9663	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9663	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9663	0.045	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9663	0.045	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9663	0.045	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9663	0.045	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
832	Continuous Members 832 (Member No. 7791,7806)					
	7791	0.400	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7806	0.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7806	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7791	0.200	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7806	0.400	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7806	0.200	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7791	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7806	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7806	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7806	0.400	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7806	0.000	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7791	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7791	0.000	CO3	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7806	0.400	CO12	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7791	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7806	0.200	RC10	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7791	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7791	0.000	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7806	0.200	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7791	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7791	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7791	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7791	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7791	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7806	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7806	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
833	Continuous Members 833 (Member No. 7868,7883)					
	7868	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7868	0.400	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7868	0.200	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7868	0.400	CO2	0.02 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	7868	0.200	CO2	0.00 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7883	0.200	RC10	0.03 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7883	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7868	0.400	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7868	0.000	CO10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7868	0.400	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7868	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7868	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7883	0.200	CO4	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7868	0.000	CO2	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7883	0.400	CO9	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7868	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7868	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7883	0.200	CO4	0.00 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7868	0.000	CO2	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7868	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7868	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7868	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7868	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7868	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7883	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
834	Continuous Members 834 (Member No. 7907,7922)					
	7907	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7922	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7907	0.200	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7907	0.400	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7907	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7907	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7907	0.200	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7907	0.400	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7907	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7907	0.200	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7907	0.400	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7907	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7907	0.200	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7922	0.200	CO4	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7907	0.000	CO4	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7922	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7907	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7907	0.200	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7922	0.200	CO4	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7907	0.000	CO2	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7907	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7907	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7907	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7907	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7922	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7922	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
835	Continuous Members 835 (Member No. 7946,7961)					
	7946	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7961	0.200	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7946	0.200	CO4	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7946	0.200	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7961	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7946	0.400	CO11	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7961	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7961	0.000	CO5	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7946	0.200	CO12	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7961	0.000	CO9	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7946	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7946	0.200	CO4	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7946	0.400	CO5	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7946	0.000	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7961	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7946	0.200	CO4	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7946	0.400	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7946	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7946	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7946	0.200	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7946	0.200	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7961	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7961	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
836	Continuous Members 836 (Member No. 9526,9535)					
	9526	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9535	0.000	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9526	0.200	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9535	0.200	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9535	0.200	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9526	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9526	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9535	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9535	0.400	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9535	0.200	CO12	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9535	0.000	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9535	0.400	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9526	0.200	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9535	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9535	0.400	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9535	0.400	CO12	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9526	0.200	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9526	0.400	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9535	0.400	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9526	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9526	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9526	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9526	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9535	0.200	CO17	0.00 ≤ 1	406)	7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9535	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
837	Continuous Members 837 (Member No. 9562,9571)					
	9562	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9571	0.200	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9562	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9562	0.000	CO11	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9571	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9571	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9571	0.200	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9571	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9562	0.400	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9571	0.400	CO12	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9571	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9571	0.400	CO11	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9562	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9571	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9571	0.400	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9571	0.400	CO11	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9562	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9571	0.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9571	0.400	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9562	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9562	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9571	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9562	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9562	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9562	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
838	Continuous Members 838 (Member No. 9580,9589)					
	9580	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9580	0.200	CO11	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9580	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9589	0.400	CO11	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9589	0.400	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9580	0.200	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9580	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9589	0.400	CO12	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9589	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9589	0.400	CO11	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9580	0.000	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9589	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9589	0.400	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9589	0.400	CO11	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9580	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.400	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9589	0.400	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9580	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9589	0.200	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 -

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9580	0.200	CO26	0.00 ≤ 1	402)	Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9580	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9580	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
839	Continuous Members 839 (Member No. 9598)					
	9598	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9598	0.200	CO9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9598	0.200	CO11	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9598	0.200	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9598	0.000	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9598	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9598	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9598	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9598	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9598	0.400	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9598	0.000	CO2	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9598	0.000	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9598	0.200	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.400	CO6	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.000	CO2	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9598	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9598	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9598	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9598	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9598	0.200	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9598	0.200	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
840	Continuous Members 840 (Member No. 9656)					
	9656	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9656	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9656	0.195	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9656	0.000	CO11	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9656	0.390	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9656	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9656	0.195	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9656	0.390	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9656	0.390	CO12	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9656	0.000	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9656	0.390	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9656	0.390	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9656	0.195	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9656	0.195	CO2	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9656	0.390	CO11	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9656	0.390	CO12	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9656	0.195	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.195	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.390	CO11	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9656	0.390	CO9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9656	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9656	0.195	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9656	0.195	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9656	0.195	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - I

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9656	0.195	CO26	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
841	Continuous Members 841 (Member No. 7792,7807,7808,7847)					
	7808	0.250	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7808	0.250	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7808	0.250	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7808	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7792	0.100	CO2	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7792	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7847	0.100	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7792	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7847	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7808	0.500	RC10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7807	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7847	0.100	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7808	0.500	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7792	0.000	CO4	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7847	0.100	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7807	0.250	RC10	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7847	0.100	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7808	0.500	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7792	0.100	CO2	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7847	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7847	0.100	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7792	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7808	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7807	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7792	0.050	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7792	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
842	Continuous Members 842 (Member No. 7869,7884,7885,7905)					
	7869	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7869	0.100	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7884	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7905	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7869	0.000	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7869	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7885	0.250	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7884	0.500	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7869	0.000	CO11	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7869	0.100	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7884	0.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7869	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7869	0.050	CO6	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7884	0.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7869	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7885	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7884	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7884	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7884	0.500	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7869	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7869	0.000	CO2	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7869	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7884	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7884	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7905	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7869	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
843	Continuous Members 843 (Member No. 7908,7923,7924,7944)					
	7908	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7908	0.050	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7923	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7908	0.100	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7908	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7908	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7924	0.500	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7908	0.050	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7908	0.100	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7923	0.250	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7908	0.050	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7908	0.100	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7908	0.000	CO6	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7924	0.000	CO5	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7908	0.100	CO5	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7924	0.250	CO4	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7944	0.100	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7908	0.000	CO6	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7923	0.500	CO4	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7908	0.100	CO5	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7908	0.000	CO2	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7908	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7923	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7923	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7908	0.050	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7908	0.050	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
844	Continuous Members 844 (Member No. 7947,7962,7963,7983)					
	7947	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7962	0.250	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7962	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7963	0.000	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7947	0.050	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7947	0.000	CO5	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7962	0.000	CO6	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7947	0.000	CO6	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7962	0.250	RC10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7963	0.000	CO12	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7947	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7983	0.050	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7947	0.000	CO2	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7947	0.000	CO5	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7962	0.250	RC10	0.04 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 -

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7947	0.000	CO6	0.05 ≤ 1	311)	- Buckling about both axes Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7983	0.050	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7947	0.000	CO2	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7947	0.000	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7947	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7947	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7962	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7962	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7947	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7947	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
845	Continuous Members 845 (Member No. 9527,9536,9537,9551)					
	9537	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9551	0.100	CO12	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9536	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9527	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9527	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9551	0.000	CO11	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9527	0.050	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9551	0.100	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9527	0.100	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9527	0.000	CO12	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9527	0.100	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9551	0.100	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9536	0.250	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9527	0.100	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9551	0.100	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9537	0.250	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9527	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9536	0.250	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9527	0.100	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9551	0.100	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9527	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9527	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9536	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9536	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9551	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9527	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
846	Continuous Members 846 (Member No. 9563,9572,9573,9578)					
	9563	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9573	0.250	CO11	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9572	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9578	0.100	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9563	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9578	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9572	0.250	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9572	0.500	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9578	0.000	CO10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9563	0.000	CO12	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9572	0.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.2.3

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	9578	0.000	CO11	0.11 ≤ 1	163)	and tension acc. to 6.2.3
	9563	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9572	0.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9578	0.000	RC10	0.08 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9573	0.250	CO1	0.00 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9563	0.000	CO3	0.06 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9563	0.000	RC10	0.02 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9572	0.500	RC10	0.05 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9578	0.000	RC10	0.09 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9563	0.000	CO2	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9563	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9572	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Negligible deformations
	9572	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9578	0.050	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9578	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9578	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
847	Continuous Members 847 (Member No. 9581,9590,9591,9596)					
	9581	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9590	0.250	CO11	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9590	0.250	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9581	0.000	CO5	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9596	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9596	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9591	0.250	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9596	0.050	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9581	0.000	CO5	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9596	0.050	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9596	0.000	CO11	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9590	0.000	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9596	0.050	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9596	0.000	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9590	0.250	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9581	0.000	CO5	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9590	0.000	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9596	0.050	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9596	0.000	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9581	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9581	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9590	0.250	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9590	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9596	0.050	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9596	0.050	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
848	Continuous Members 848 (Member No. 9599,9608,9609,9614,9657,9658,9662)					
	9599	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9657	0.245	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9657	0.245	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9662	0.090	CO5	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9614	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9614	0.000	RC10	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9657	0.245	CO9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9608	0.000	CO11	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9657	0.245	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9609	0.010	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9614	0.000	CO5	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9657	0.245	CO4	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9609	0.010	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9614	0.000	CO4	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9657	0.490	CO4	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9662	0.090	CO5	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9657	0.245	CO4	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9609	0.010	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9614	0.000	CO4	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9599	0.000	CO4	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9599	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9657	0.245	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9657	0.245	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9662	0.045	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9599	0.050	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
849	Continuous Members 849 (Member No. 7809,7845)						
	7845	0.400	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7809	0.200	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7809	0.200	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7809	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7809	0.200	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7845	0.400	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7845	0.000	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7809	0.200	CO11	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7809	0.000	CO11	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7845	0.200	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7809	0.200	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7845	0.400	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7845	0.400	CO2	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7809	0.200	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7845	0.400	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7809	0.200	CO3	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7845	0.400	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7845	0.400	CO2	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7809	0.200	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7845	0.400	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7845	0.400	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7809	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7845	0.200	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7845	0.200	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7809	0.200	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7845	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
850	Continuous Members 850 (Member No. 7886,7903)						
	7903	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7886	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7886	0.200	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7886	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7903	0.200	CO2	0.00 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7903	0.200	RC10	0.00 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7903	0.400	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7886	0.200	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7903	0.400	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7903	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7886	0.400	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7886	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7903	0.400	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7886	0.400	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7903	0.400	CO2	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7886	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7903	0.400	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7903	0.400	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7886	0.400	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7903	0.400	CO2	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7886	0.000	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7886	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7903	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7903	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7886	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7886	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
851	Continuous Members 851 (Member No. 7925,7942)					
	7925	0.200	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7925	0.200	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7925	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7942	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7925	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7942	0.400	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7942	0.400	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7925	0.400	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7925	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7925	0.400	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7925	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7942	0.200	CO8	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7925	0.400	CO5	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7942	0.400	CO3	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7925	0.200	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7942	0.400	CO12	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7942	0.200	CO8	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7925	0.400	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7942	0.400	CO3	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7925	0.200	CO2	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7925	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7942	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7942	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7942	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7942	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
852	Continuous Members 852 (Member No. 7964,7981)					
	7964	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7981	0.400	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7981	0.400	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7964	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7964	0.200	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7981	0.200	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7981	0.400	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7981	0.000	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7964	0.000	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7981	0.400	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7981	0.200	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7981	0.400	RC10	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7964	0.400	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7981	0.200	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7964	0.200	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7981	0.400	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7981	0.400	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7964	0.400	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7981	0.200	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7981	0.400	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7964	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7981	0.200	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7981	0.200	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7964	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7981	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
853	Continuous Members 853 (Member No. 9538,9549)					
	9538	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9538	0.200	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9538	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9538	0.400	CO10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9538	0.000	CO10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9549	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9549	0.400	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9549	0.400	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9549	0.400	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9538	0.200	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9538	0.400	CO11	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9538	0.000	CO10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9549	0.400	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9538	0.400	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9538	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9538	0.200	CO6	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9538	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9549	0.400	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9538	0.400	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9538	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9538	0.200	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9538	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9538	0.200	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9538	0.200	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9538	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9538	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
854	Continuous Members 854 (Member No. 9574,9576)					
	9574	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9576	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9576	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9574	0.400	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9574	0.200	CO4	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9576	0.000	CO4	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9574	0.400	CO10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9574	0.400	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9576	0.400	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9574	0.200	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9574	0.400	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9576	0.400	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9574	0.400	CO4	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9574	0.400	CO11	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9576	0.200	CO11	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9576	0.400	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9576	0.400	CO2	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9574	0.400	CO4	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9574	0.400	CO5	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9574	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9574	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9574	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9576	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9574	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9574	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
855	Continuous Members 855 (Member No. 9592,9594)					
	9594	0.400	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9594	0.400	CO10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9592	0.200	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9592	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9594	0.400	CO4	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9592	0.200	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9592	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9594	0.200	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9594	0.400	CO10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9592	0.400	CO11	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9594	0.400	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9594	0.000	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9592	0.400	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9592	0.400	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9592	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9594	0.400	CO3	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9594	0.000	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9592	0.400	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9592	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9592	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9592	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9592	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9592	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9592	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
856	Continuous Members 856 (Member No. 9610,9612,9660)					
	9610	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9610	0.400	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9610	0.400	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9610	0.400	CO11	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9660	0.390	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9612	0.000	RC10	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9610	0.200	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9610	0.400	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9610	0.000	CO5	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9610	0.200	CO12	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9612	0.000	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9612	0.000	CO5	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9610	0.200	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9612	0.000	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9612	0.000	CO4	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9610	0.200	CO7	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9610	0.000	CO11	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9610	0.400	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9612	0.000	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9612	0.000	CO4	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9610	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9610	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9660	0.195	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9660	0.195	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9660	0.195	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9660	0.195	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
857	Continuous Members 857 (Member No. 7811,7812)					
	7812	0.200	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7812	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7811	0.200	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7812	0.400	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7812	0.400	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7812	0.400	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7812	0.400	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7811	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7812	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7812	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7812	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7812	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
858	Continuous Members 858 (Member No. 7888,7889)					
	7889	0.300	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7889	0.400	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7889	0.300	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7889	0.300	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	7889	0.300	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7888	0.200	CO12	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7889	0.400	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7889	0.400	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7888	0.400	CO6	0.00	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7889	0.400	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7889	0.400	RC10	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7888	0.200	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7888	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7888	0.200	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7889	0.300	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7888	0.200	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7888	0.200	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
859	Continuous Members 859 (Member No. 7058,7927,7928,12372)						
	7928	0.150	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7058	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7058	0.050	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7058	0.100	CO3	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7058	0.050	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7928	0.000	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7058	0.100	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7058	0.100	CO3	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7928	0.150	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7058	0.100	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7058	0.100	CO5	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7058	0.100	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7927	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7928	0.150	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7928	0.150	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7928	0.150	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7928	0.150	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
860	Continuous Members 860 (Member No. 7966,7967,12370)						
	12370	0.100	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7967	0.400	CO9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7967	0.300	CO3	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7967	0.300	CO3	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7967	0.400	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7967	0.300	CO10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7967	0.400	CO6	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7967	0.300	CO2	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7967	0.300	CO2	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7966	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7967	0.300	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7967	0.300	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7967	0.300	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
861	Continuous Members 861 (Member No. 7017,7048,7813)						
	7048	0.300	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7017	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7048	0.500	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7813	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7048	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7048	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7813	0.200	CO11	0.00 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7813	0.200	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7017	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7813	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7017	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7813	0.200	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7048	0.500	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7017	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7813	0.200	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7048	0.500	CO8	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7813	0.200	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7048	0.500	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7017	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7813	0.200	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7017	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7017	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7048	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7048	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7048	0.300	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7017	0.050	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
862	Continuous Members 862 (Member No. 7890,8488,8489)					
	8489	0.300	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8489	0.300	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8488	0.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8489	0.300	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8488	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8489	0.300	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8488	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8489	0.300	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8488	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8489	0.300	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8488	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8488	0.000	CO8	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8489	0.300	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8488	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8489	0.500	CO9	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8488	0.000	CO8	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8489	0.300	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8488	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7890	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8489	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8489	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7890	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7890	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
863	Continuous Members 863 (Member No. 7929,8490,8491)					
	8490	0.100	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8490	0.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8491	0.300	CO2	0.01 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	8490	0.000	RC10	0.02 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	8490	0.000	RC10	0.01 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8490	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8491	0.300	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8491	0.300	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8490	0.000	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7929	0.200	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8490	0.000	CO2	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8491	0.500	CO8	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8490	0.000	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7929	0.200	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	CO2	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8490	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7929	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8491	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8491	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8491	0.300	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7929	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
864	Continuous Members 864 (Member No. 7968,8492,8493)					
	8493	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8493	0.300	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8493	0.300	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7968	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8493	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8492	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7968	0.200	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8492	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8493	0.300	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8493	0.300	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8492	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8493	0.300	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7968	0.200	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8492	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7968	0.100	CO8	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8492	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8493	0.300	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7968	0.200	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8492	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8492	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7968	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8493	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	8493	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	8493	0.300	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	8493	0.300	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
865	Continuous Members 865 (Member No. 6800,7842)					
	7842	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6800	0.300	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6800	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6800	0.000	RC10	0.01 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	7842	0.300	RC10	0.01 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	6800	0.000	RC10	0.02 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6800	0.100	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7842	0.500	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7842	0.500	CO9	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6800	0.100	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6800	0.100	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7842	0.500	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7842	0.500	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6800	0.100	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7842	0.300	CO2	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6800	0.100	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7842	0.500	CO9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7842	0.500	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6800	0.100	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7842	0.300	CO2	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6800	0.000	CO8	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6800	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7842	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7842	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6800	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6800	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
866	Continuous Members 866 (Member No. 6806,6831,7900)					
	7900	0.300	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6806	0.100	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6831	0.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6831	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6806	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6806	0.200	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6831	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6806	0.200	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6831	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6806	0.100	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6831	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7900	0.150	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6806	0.100	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6806	0.200	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6831	0.100	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6831	0.100	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7900	0.150	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6806	0.100	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6806	0.200	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6831	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6831	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	6831	0.100	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	6831	0.100	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6831	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6831	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
867	Continuous Members 867 (Member No. 6862,7939)					
	7939	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7939	0.300	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6862	0.100	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7939	0.300	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7939	0.500	CO6	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6862	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6862	0.100	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7939	0.300	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6862	0.100	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7939	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7939	0.300	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6862	0.100	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7939	0.300	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6862	0.100	CO2	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7939	0.500	CO3	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6862	0.100	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6862	0.100	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7939	0.300	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6862	0.100	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7939	0.500	CO3	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6862	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6862	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
7939	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
7939	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
7939	0.300	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
7939	0.300	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
868	Continuous Members 868 (Member No. 6893,7978)					
	6893	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6893	0.300	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6893	0.300	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6893	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7978	0.300	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7978	0.300	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7978	0.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7978	0.300	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7978	0.300	CO2	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6893	0.000	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6893	0.100	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7978	0.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6893	0.000	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7978	0.500	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6893	0.300	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6893	0.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6893	0.000	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7978	0.500	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6893	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	6893	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7978	0.300	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7978	0.300	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	6893	0.100	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	6893	0.100	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
869	Continuous Members 869 (Member No. 7841)					
	7841	0.200	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7841	0.700	CO12	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7841	0.200	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7841	0.700	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7841	0.200	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7841	0.700	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7841	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7841	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7841	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7841	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7841	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
870	Continuous Members 870 (Member No. 7899)					
	7899	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7899	0.700	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7899	0.200	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7899	0.200	CO11	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7899	0.200	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7899	0.200	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7899	0.200	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7899	0.700	CO1	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7899	0.700	CO6	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7899	0.200	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7899	0.200	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7899	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7899	0.200	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7899	0.200	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7899	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7899	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
871	Continuous Members 871 (Member No. 7938)					
	7938	0.700	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7938	0.700	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7938	0.200	CO12	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7938	0.200	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7938	0.700	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7938	0.700	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7938	0.200	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7938	0.200	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7938	0.700	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7938	0.200	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7938	0.700	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7938	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7938	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7938	0.200	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7938	0.200	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7938	0.200	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
872	Continuous Members 872 (Member No. 7977)					

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7977	0.200	CO6	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	7977	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7977	0.200	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7977	0.700	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7977	0.200	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7977	0.200	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7977	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7977	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7977	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7977	0.200	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7977	0.200	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
873	Continuous Members 873 (Member No. 7839,7840)					
	7839	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7839	0.100	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7840	0.500	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7840	0.500	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7840	0.500	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7839	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7840	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7840	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7839	0.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7840	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7840	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7839	0.100	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7839	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7840	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7840	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7840	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
874	Continuous Members 874 (Member No. 7897,7898)					
	7897	0.100	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7897	0.100	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7898	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7897	0.100	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7898	0.500	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7898	0.500	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7897	0.100	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7898	0.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7898	0.500	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7898	0.000	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7898	0.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7897	0.100	CO2	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7898	0.000	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7898	0.500	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7898	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7897	0.100	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.000	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.500	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7898	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7897	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7898	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7898	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7898	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 -

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7898	0.500	CO30	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
875	Continuous Members 875 (Member No. 7936,7937)					
	7936	0.100	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7936	0.100	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7937	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7937	0.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7937	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7937	0.500	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7937	0.500	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7937	0.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7937	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7936	0.050	CO12	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7937	0.500	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7937	0.500	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7936	0.050	CO2	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7937	0.500	RC10	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7937	0.500	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7936	0.100	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7937	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7936	0.050	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7937	0.500	RC10	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7937	0.500	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7937	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7936	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7937	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7937	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	7937	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7937	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
876	Continuous Members 876 (Member No. 7975,7976)					
	7975	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7975	0.100	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7976	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7975	0.050	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7976	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7976	0.500	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7975	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7976	0.500	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7976	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7976	0.700	CO12	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7976	0.500	CO5	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7976	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7976	0.500	CO2	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7976	0.000	CO2	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7975	0.100	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7976	0.500	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7976	0.000	CO2	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7976	0.000	CO2	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7975	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	7976	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	7976	0.500	CO17	0.00	≤ 1	406)	Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 -
	7976	0.500	CO29	0.00	≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
877	Continuous Members 877 (Member No. 7817,7838)						
	7838	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7817	0.200	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7817	0.100	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7817	0.100	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7817	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7817	0.000	RC10	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7817	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7817	0.100	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7817	0.100	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
878	Continuous Members 878 (Member No. 7894,7896)						
	7894	0.100	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7894	0.100	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7894	0.100	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7894	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7894	0.000	CO10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7894	0.000	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7894	0.000	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7894	0.200	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7894	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7894	0.100	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7894	0.100	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
879	Continuous Members 879 (Member No. 7933,7935)						
	7933	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7933	0.200	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7933	0.100	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7933	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7933	0.000	CO9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7933	0.200	RC10	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7933	0.200	RC10	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7933	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7933	0.100	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7933	0.100	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7933	0.100	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
880	Continuous Members 880 (Member No. 7972,7974)						
	7974	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7972	0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7972	0.100	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7972	0.200	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7972	0.200	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7972	0.000	RC10	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7972	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	7972	0.100	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	7972	0.100	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
881	Continuous Members 881 (Member No. 9790,9791,9884,9885)						
	9884	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9791	0.000	CO12	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9791	0.000	CO11	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9791	0.100	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9791	0.000	CO11	0.10	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9791	0.050	CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9791	0.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9791	0.100	RC10	0.07 ≤ 1	153)	acc. to 6.1.6
	9791	0.000	RC10	0.08 ≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9791	0.000	RC10	0.43 ≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9791	0.000	CO10	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9791	0.100	RC10	0.02 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9791	0.000	CO10	0.42 ≤ 1	333)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9791	0.100	RC10	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9790	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9791	0.050	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	9885	0.150	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9791	0.050	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9791	0.050	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9791	0.050	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
882	Continuous Members 882 (Member No. 9825,9826,9889,9890)					
	9890	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9826	0.100	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9825	0.100	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9826	0.100	CO4	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9826	0.000	CO11	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9890	0.150	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9826	0.100	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9826	0.100	RC10	0.43 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9826	0.100	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9890	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9826	0.100	CO4	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9890	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9825	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9890	0.150	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9890	0.150	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9826	0.050	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9826	0.050	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
883	Continuous Members 883 (Member No. 9840,9841,9894,9895)					
	9895	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9895	0.000	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9841	0.000	CO11	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9841	0.100	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9841	0.000	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9841	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9841	0.050	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9841	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9895	0.000	CO4	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9841	0.050	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9841	0.100	CO5	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9841	0.100	RC10	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9841	0.000	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9841	0.100	RC10	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9895	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9840	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9895	0.150	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9895	0.150	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9841	0.050	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9841	0.050	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
884	Continuous Members 884 (Member No. 9855,9856,9905,9906)					
	9905	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9856	0.000	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9856	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9856	0.000	CO4	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9856	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9855	0.100	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9855	0.200	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9906	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9856	0.000	CO1	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9906	0.000	CO6	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9856	0.000	CO5	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9856	0.000	RC10	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9856	0.000	CO4	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9856	0.000	RC10	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9856	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9855	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9856	0.050	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9906	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9856	0.050	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9856	0.050	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
885	Continuous Members 885 (Member No. 9783,9784,9792,9883)					
	9783	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9883	0.000	CO4	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9783	0.000	CO12	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9883	0.000	RC10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9783	0.050	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9783	0.050	RC10	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9792	0.100	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9883	0.000	CO7	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9792	0.000	CO12	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9783	0.050	CO11	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9883	0.000	CO10	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9883	0.000	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9783	0.000	CO6	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9883	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9783	0.100	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9783	0.000	CO6	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9883	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9783	0.100	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9783	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
9883	0.150	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
9883	0.150	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9883	0.150	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
9883	0.150	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
886	Continuous Members 886 (Member No. 9827,9875,9876,9899)					
	9827	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9827	0.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9875	0.100	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9876	0.200	CO4	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
9875	0.050	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9899	0.000	CO11	0.27 ≤ 1	152)	6.1.8 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9899	0.000	CO4	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9827	0.000	CO2	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9899	0.000	CO5	0.27 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9899	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9899	0.000	RC10	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9827	0.000	CO2	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9899	0.000	RC10	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9875	0.100	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9827	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9827	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9827	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9899	0.150	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9899	0.150	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
887	Continuous Members 887 (Member No. 9842,9877,9878,9900)					
	9842	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9842	0.100	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9877	0.100	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9877	0.100	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9878	0.200	CO5	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9877	0.050	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9877	0.100	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9842	0.100	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9878	0.200	RC10	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9900	0.000	CO5	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9878	0.200	RC10	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9900	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9842	0.000	CO2	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9878	0.200	RC10	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9900	0.000	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9877	0.100	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9842	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9842	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9842	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9900	0.150	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9900	0.150	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
888	Continuous Members 888 (Member No. 9857,9879,9880,9910)					
	9857	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9857	0.100	CO5	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9857	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9910	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9910	0.000	CO11	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9879	0.050	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9910	0.150	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9910	0.000	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9857	0.100	CO5	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9910	0.150	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9910	0.000	CO5	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9857	0.100	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9857	0.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9880	0.200	RC10	0.14 ≤ 1	173)	and compression acc. to 6.2.4
	9880	0.200	CO5	0.04 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9857	0.100	RC10	0.01 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9857	0.000	RC10	0.05 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9880	0.200	RC10	0.15 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9880	0.200	RC10	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9857	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9880	0.100	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	9880	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9910	0.150	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9910	0.150	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
889	Continuous Members 889 (Member No. 7596,9779,9809,9888)					
	7596	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9888	0.150	CO4	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9888	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7596	0.100	CO11	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7596	0.000	CO10	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9809	0.100	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9779	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9809	0.200	RC10	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9779	0.200	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7596	0.100	CO11	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9809	0.200	RC10	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9888	0.000	RC10	0.14 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9809	0.200	RC10	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9809	0.200	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9888	0.000	RC10	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9809	0.200	RC10	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7596	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	7596	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9809	0.100	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9779	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9809	0.100	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9809	0.100	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
890	Continuous Members 890 (Member No. 9780,9834,9881,9893)					
	9780	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9834	0.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9834	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9881	0.000	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9881	0.000	CO4	0.15 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9834	0.100	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9881	0.000	RC10	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9881	0.000	CO5	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9780	0.200	CO2	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9834	0.200	CO4	0.41 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9834	0.200	CO5	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9834	0.200	RC10	0.38 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9834	0.100	RC10	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9881	0.100	CO2	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9834	0.200	RC10	0.39 ≤ 1	328)	Member with bending about z-axis and compression acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9834	0.100	RC10	0.31 ≤ 1	333)	to 6.3.2 - Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9834	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9780	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9780	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9780	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9834	0.100	CO16	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9834	0.100	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
891	Continuous Members 891 (Member No. 9781,9849,9882,9898)					
	9781	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9849	0.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9849	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9781	0.200	CO5	0.13 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9849	0.100	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9781	0.000	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9849	0.000	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9849	0.200	RC10	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9882	0.100	CO2	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9898	0.000	CO5	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9849	0.200	CO4	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9882	0.000	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9882	0.100	CO2	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9882	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9882	0.100	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9781	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9781	0.100	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9781	0.100	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9849	0.100	CO17	0.05 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9849	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
892	Continuous Members 892 (Member No. 9782,9864,9904,9909)					
	9782	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9909	0.150	CO5	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9864	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9864	0.200	CO5	0.14 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9864	0.100	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9904	0.000	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9904	0.100	CO3	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9909	0.150	CO5	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9864	0.200	CO5	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9864	0.200	RC10	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9782	0.200	CO5	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9864	0.200	RC10	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9864	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9782	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9782	0.100	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9782	0.100	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9864	0.100	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9864	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
893	Continuous Members 893 (Member No. 9808,9887)					
	9808	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9808	0.000	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9808	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9808	0.500	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9808	0.000	CO11	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9808	0.000	CO4	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9808	0.000	CO6	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9808	0.000	CO5	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9808	0.500	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9808	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9808	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9808	0.250	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9808	0.250	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9808	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
894	Continuous Members 894 (Member No. 9833,9892)					
	9833	0.250	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9833	0.250	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9833	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9833	0.250	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9833	0.500	CO4	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9833	0.500	CO10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9833	0.000	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9833	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9833	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9833	0.250	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9833	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9833	0.250	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9833	0.250	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
895	Continuous Members 895 (Member No. 9848,9897)					
	9848	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9848	0.500	CO6	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9848	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9848	0.500	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9848	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9848	0.500	CO5	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9848	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9848	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9848	0.250	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9848	0.250	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9848	0.250	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9848	0.250	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
896	Continuous Members 896 (Member No. 9863,9908)					
	9908	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9863	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9863	0.000	CO6	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9863	0.000	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9863	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9863	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9863	0.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9863	0.500	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9863	0.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9863	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9863	0.250	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9863	0.250	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9863	0.250	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9863	0.250	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
897	Continuous Members 897 (Member No. 9806,9807,9886)					
	9806	0.100	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	9806	0.000	CO2	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9886	0.250	CO12	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9886	0.000	RC10	0.03 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9886	0.250	RC10	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9807	0.100	RC10	0.04 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9806	0.050	CO3	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9807	0.100	CO3	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9807	0.200	RC10	0.12 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9806	0.000	CO2	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9806	0.100	CO1	0.00 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9886	0.000	CO10	0.15 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9806	0.050	CO6	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9807	0.100	CO11	0.07 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9886	0.000	RC10	0.13 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9886	0.500	RC10	0.05 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9806	0.050	CO6	0.02 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9807	0.100	CO11	0.07 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9886	0.000	RC10	0.14 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9886	0.500	RC10	0.01 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9806	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	9886	0.250	CO16	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9886	0.250	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9807	0.100	CO16	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9807	0.100	CO28	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
898	Continuous Members 898 (Member No. 9831,9832,9891)					
	9831	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	9831	0.000	CO10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9832	0.100	RC10	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9832	0.200	CO6	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9832	0.200	CO10	0.10 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9832	0.100	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9831	0.050	CO3	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9832	0.200	CO6	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9891	0.000	RC10	0.17 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9832	0.200	CO2	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9891	0.000	CO4	0.19 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9832	0.200	CO4	0.19 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9832	0.100	RC10	0.10 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9832	0.200	RC10	0.17 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9831	0.000	CO3	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9832	0.100	RC10	0.11 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9832	0.200	RC10	0.18 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9832	0.200	RC10	0.00 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9831	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	9891	0.250	CO14	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9891	0.250	CO26	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9832	0.100	CO16	0.02 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - I

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9832	0.100	CO28	0.00 ≤ 1	407)	Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
899	Continuous Members 899 (Member No. 9846,9847,9896)					
	9846	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9896	0.250	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9896	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9847	0.200	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9847	0.200	CO5	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9847	0.200	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9847	0.200	RC10	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9847	0.100	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9846	0.050	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9847	0.200	RC10	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9847	0.200	CO5	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9896	0.500	RC10	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9896	0.000	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9846	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9896	0.500	RC10	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9896	0.000	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9896	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9846	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9896	0.250	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9896	0.250	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9847	0.100	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9847	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
900	Continuous Members 900 (Member No. 9861,9862,9907)					
	9861	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9861	0.000	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9907	0.250	CO11	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9861	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9862	0.200	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9862	0.200	CO5	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9861	0.050	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9861	0.100	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9907	0.500	CO4	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9862	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9861	0.000	CO4	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9862	0.200	CO5	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9907	0.000	CO3	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9907	0.250	CO5	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9907	0.500	CO5	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9862	0.200	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9907	0.000	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9907	0.250	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9907	0.500	CO5	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9907	0.500	CO11	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9861	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9907	0.250	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9907	0.250	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9862	0.100	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9862	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
901	Continuous Members 901 (Member No. 9793,9805)					
	9793	0.100	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9793	0.000	CO5	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9793	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9793	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9793	0.000	CO7	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9793	0.200	CO5	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9793	0.000	CO10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9793	0.000	RC10	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9793	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9793	0.000	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9793	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9793	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9793	0.100	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9793	0.100	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9793	0.100	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
902	Continuous Members 902 (Member No. 9828,9830)					
	9828	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9828	0.100	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9828	0.200	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9828	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9828	0.100	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9828	0.000	CO10	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9828	0.000	CO4	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9828	0.200	CO11	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9828	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9828	0.100	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9828	0.100	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
903	Continuous Members 903 (Member No. 9843,9845)					
	9843	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9843	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9843	0.000	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9843	0.200	CO5	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9843	0.200	CO5	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9843	0.200	CO11	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9843	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9843	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9843	0.100	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9843	0.100	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
904	Continuous Members 904 (Member No. 9858,9860)					
	9860	0.400	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9858	0.200	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9858	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9858	0.200	CO11	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9858	0.100	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9858	0.200	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9858	0.200	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9858	0.200	CO5	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9858	0.200	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9858	0.200	CO5	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9858	0.200	CO5	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9858	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9858	0.100	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9858	0.100	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9858	0.100	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9858	0.100	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
905	Continuous Members 905 (Member No. 9675,9676)						
	9675	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9676	0.000	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9676	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9676	0.000	RC10	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9676	0.000	RC10	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9676	0.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9676	0.000	RC10	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9676	0.100	CO3	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9676	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9675	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9676	0.100	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9676	0.100	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9676	0.100	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
906	Continuous Members 906 (Member No. 9710,9711)						
	9711	0.400	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9711	0.100	CO7	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9711	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9711	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9711	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9711	0.000	CO11	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9711	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9711	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9711	0.000	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9711	0.000	CO2	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9711	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9710	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9711	0.100	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9711	0.100	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9710	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9710	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
907	Continuous Members 907 (Member No. 9725,9726,12373)						
	9726	0.100	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9726	0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9726	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9726	0.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9726	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9725	0.000	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9726	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9726	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9726	0.000	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9726	0.100	CO5	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9726	0.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9725	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9726	0.100	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9726	0.100	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9726	0.100	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9726	0.100	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						7.2 - Inner span, y-direction
908	Continuous Members 908 (Member No. 9740,9741,12371)					
	9741	0.100	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9741	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9741	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9741	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9741	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9741	0.100	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9740	0.200	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9741	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9741	0.100	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9741	0.100	CO3	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9741	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9740	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9741	0.100	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9741	0.100	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9740	0.100	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9740	0.100	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
909	Continuous Members 909 (Member No. 9668,9669,9677)					
	9668	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9677	0.100	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9669	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9669	0.200	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9677	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9669	0.200	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9668	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9669	0.200	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9668	0.100	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9669	0.500	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9677	0.100	CO3	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9668	0.100	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9669	0.200	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9668	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9668	0.100	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9668	0.100	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9669	0.200	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9668	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9668	0.100	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9668	0.100	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9668	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9669	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9669	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9669	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9669	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
910	Continuous Members 910 (Member No. 9712,9760,9761)					
	9760	0.050	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9712	0.000	CO6	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9761	0.200	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9712	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9760	0.050	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9760	0.050	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9712	0.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9712	0.100	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9760	0.100	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9761	0.200	CO6	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9712	0.100	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9760	0.100	CO3	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9712	0.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9760	0.100	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9761	0.200	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9760	0.100	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9712	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9760	0.100	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9760	0.100	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9712	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9761	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9761	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9761	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
911	Continuous Members 911 (Member No. 9727,9762,9763)					
	9727	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9763	0.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9763	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9727	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9762	0.050	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9762	0.050	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9763	0.200	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9727	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9763	0.200	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9763	0.000	CO6	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9763	0.200	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9727	0.000	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9762	0.100	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9727	0.000	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9763	0.200	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9727	0.100	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9727	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9762	0.100	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9727	0.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9763	0.200	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9763	0.200	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9727	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9763	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9763	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9763	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9763	0.200	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
912	Continuous Members 912 (Member No. 9742,9764,9765)					
	9742	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9765	0.000	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9765	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9764	0.100	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9765	0.200	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9764	0.050	RC10	0.03 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9764	0.100	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9765	0.200	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9742	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9742	0.200	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9765	0.200	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9742	0.000	CO3	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9765	0.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9765	0.200	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9742	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9765	0.000	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9742	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9765	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9765	0.200	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9742	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9764	0.100	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9742	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9765	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9765	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9765	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9765	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
913	Continuous Members 913 (Member No. 9664,9694)					
	9664	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9694	0.200	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9694	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9664	0.200	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9664	0.200	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9664	0.200	CO3	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9664	0.200	CO2	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9694	0.200	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9664	0.200	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9694	0.200	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9664	0.200	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9664	0.300	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9694	0.200	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9664	0.200	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9664	0.300	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9664	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9664	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9664	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9664	0.200	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9664	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
914	Continuous Members 914 (Member No. 9665,9719,11500)					
	9665	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9719	0.100	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9719	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9665	0.300	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9719	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9719	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9665	0.300	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9665	0.300	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9665	0.300	CO3	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9719	0.200	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9665	0.200	CO3	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9665	0.200	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9719	0.200	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9665	0.200	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9665	0.300	CO3	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9665	0.200	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9719	0.200	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9665	0.200	RC10	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9719	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9665	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9665	0.200	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9665	0.200	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9665	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9665	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
915	Continuous Members 915 (Member No. 9666,9734,11513)						
	9666	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9734	0.200	CO6	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9666	0.300	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9666	0.300	CO6	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9734	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9666	0.200	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9666	0.300	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9734	0.200	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9666	0.200	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9666	0.300	CO3	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9734	0.200	CO5	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9666	0.200	CO6	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9666	0.300	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9734	0.200	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9666	0.200	RC10	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	11513	0.150	RC10	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9666	0.300	CO3	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9666	0.300	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9734	0.200	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9666	0.200	RC10	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9666	0.300	RC10	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9666	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9666	0.200	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9666	0.200	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9666	0.200	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9666	0.200	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
916	Continuous Members 916 (Member No. 9667,9749)						
	9667	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9749	0.200	CO3	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9667	0.200	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9667	0.200	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9667	0.200	RC10	0.06 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9667	0.300	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9667	0.300	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9667	0.200	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9749	0.200	CO12	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9667	0.300	CO3	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9667	0.300	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9667	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9667	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9667	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9667	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9667	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
917	Continuous Members 917 (Member No. 9693)					
	9693	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9693	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9693	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9693	0.000	CO3	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9693	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9693	0.500	CO9	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9693	0.000	CO3	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9693	0.500	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9693	0.500	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9693	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9693	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9693	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9693	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9693	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
918	Continuous Members 918 (Member No. 9718)					
	9718	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9718	0.000	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9718	0.000	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9718	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9718	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9718	0.500	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9718	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9718	0.000	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9718	0.000	CO1	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9718	0.000	CO4	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9718	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9718	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9718	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9718	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9718	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9718	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
919	Continuous Members 919 (Member No. 9733)					
	9733	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9733	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9733	0.000	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9733	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9733	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9733	0.000	CO3	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9733	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9733	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9733	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9733	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9733	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9733	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9733	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
920	Continuous Members 920 (Member No. 9748)					
	9748	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9748	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9748	0.000	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9748	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9748	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9748	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9748	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9748	0.000	CO3	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9748	0.500	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9748	0.500	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9748	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9748	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9748	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9748	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9748	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
921	Continuous Members 921 (Member No. 9691,9692)					
	9691	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9691	0.050	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9691	0.050	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9692	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9691	0.000	CO3	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9691	0.000	CO3	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9691	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9692	0.700	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9692	0.700	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9691	0.050	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9692	0.200	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9692	0.700	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9691	0.050	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9692	0.700	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9691	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9691	0.050	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9692	0.700	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9692	0.700	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9691	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9692	0.200	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9692	0.200	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9692	0.200	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9692	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
922	Continuous Members 922 (Member No. 9716,9717)					
	9717	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9716	0.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9717	0.200	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9716	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9717	0.700	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9716	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9716	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9717	0.200	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9717	0.700	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9716	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9717	0.200	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9717	0.700	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9717	0.200	CO9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9717	0.700	CO3	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9716	0.000	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9717	0.200	CO9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9717	0.700	CO3	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9717	0.700	CO9	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9716	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9717	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9717	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9717	0.200	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9717	0.200	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
923	Continuous Members 923 (Member No. 9731,9732)					
	9732	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9732	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9732	0.200	CO9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9731	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9732	0.200	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9731	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9731	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9732	0.200	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9732	0.700	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9731	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9732	0.200	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9732	0.700	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9731	0.050	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9732	0.200	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9732	0.700	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9732	0.700	CO12	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	9732	0.700	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9731	0.050	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9732	0.200	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9732	0.700	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9731	0.100	CO9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9731	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9732	0.200	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9732	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9732	0.200	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9732	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
924	Continuous Members 924 (Member No. 9746,9747)					
	9746	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	9747	0.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	9747	0.700	CO12	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	9747	0.200	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9747	0.000	CO3	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9746	0.000	CO3	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9746	0.100	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9747	0.200	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9747	0.700	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9747	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	9747	0.200	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	9747	0.700	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	9747	0.200	CO12	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	9747	0.200	CO3	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	9747	0.700	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	9746	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9747	0.200	CO12	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.200	CO3	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.700	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	9747	0.700	CO9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	9746	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9747	0.200	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9747	0.200	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	9747	0.200	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9747	0.200	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
925	Continuous Members 925 (Member No. 9678,9690)					
	9690	0.400	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9678	0.000	CO3	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9678	0.200	CO3	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9678	0.000	CO3	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9678	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9678	0.200	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9678	0.200	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9678	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9678	0.100	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9678	0.100	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
926	Continuous Members 926 (Member No. 9713,9715)					
	9713	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9713	0.100	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9713	0.100	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9713	0.100	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9713	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9713	0.200	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9713	0.200	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9713	0.000	CO6	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9713	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	9713	0.100	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9713	0.100	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
927	Continuous Members 927 (Member No. 9728,9730)					
	9730	0.400	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	9728	0.100	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9728	0.100	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	9728	0.100	RC10	0.03	≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9728	0.200	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9728	0.000	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9728	0.000	CO4	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9728	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9728	0.100	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9728	0.100	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
928	Continuous Members 928 (Member No. 9743,9745)						
	9745	0.400	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	9743	0.000	CO3	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	9743	0.100	CO3	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	9743	0.000	CO3	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	9743	0.000	CO3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	9743	0.200	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	9743	0.200	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	9743	0.200	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	9743	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	9743	0.100	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	9743	0.100	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	9743	0.100	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
1029	Continuous Members 1029 (Member No. 6722,7281)						
	7281	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6722	0.000	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6722	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6722	0.000	RC10	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6722	0.000	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6722	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6722	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1030	Continuous Members 1030 (Member No. 6739,7292)						
	7292	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6739	0.000	RC10	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6739	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6739	0.000	RC10	0.15	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6739	0.200	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6739	0.200	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6739	0.000	RC10	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6739	0.000	RC10	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6739	0.000	RC10	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1031	Continuous Members 1031 (Member No. 6770,7303)						
	7303	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6770	0.000	RC10	0.16	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6770	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6770	0.000	RC10	0.07	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6770	0.200	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6770	0.200	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6770	0.000	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6770	0.000	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6770	0.000	RC10	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1032	Continuous Members 1032 (Member No. 6801,7304)						
	7304	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6801	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	6801	0.000	RC10	0.17	≤ 1	111)	6.1.2 Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6801	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6801	0.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6801	0.000	RC10	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6801	0.100	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6801	0.000	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6801	0.000	RC10	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6801	0.000	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6801	0.000	RC10	0.12	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1033	Continuous Members 1033 (Member No. 6832,7305)						
	6832	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6832	0.000	RC10	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6832	0.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6832	0.000	RC10	0.20	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6832	0.000	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6832	0.000	RC10	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6832	0.000	RC10	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1034	Continuous Members 1034 (Member No. 6863,7306)						
	6863	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6863	0.000	RC10	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6863	0.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6863	0.000	RC10	0.17	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6863	0.100	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6863	0.200	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6863	0.000	RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6863	0.000	RC10	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1035	Continuous Members 1035 (Member No. 6894,7307)						
	7307	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6894	0.000	RC10	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6894	0.000	RC10	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6894	0.000	RC10	0.23	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6894	0.200	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6894	0.000	RC10	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6894	0.000	RC10	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1036	Continuous Members 1036 (Member No. 6925,7308)						
	6925	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6925	0.000	RC10	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6925	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6925	0.000	RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6925	0.000	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6925	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6925	0.000	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6925	0.000	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1037	Continuous Members 1037 (Member No. 6956,7309)						
	7309	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	6956	0.200	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6956	0.000	RC10	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6956	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6956	0.000	RC10	0.09	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6956	0.000	CO3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6956	0.200	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6956	0.000	RC10	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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	6956	0.200	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6956	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6956	0.000	RC10	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1038	Continuous Members 1038 (Member No. 6987,7310)					
	7310	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6987	0.000	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6987	0.000	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6987	0.000	RC10	0.17 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	6987	0.100	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6987	0.200	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6987	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6987	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1039	Continuous Members 1039 (Member No. 7018,7311)					
	7311	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7018	0.200	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7018	0.000	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7018	0.000	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7018	0.000	RC10	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7018	0.200	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7018	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7018	0.000	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7018	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7018	0.200	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7018	0.000	CO5	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7018	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7018	0.200	CO3	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7018	0.000	CO5	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7018	0.000	CO3	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1040	Continuous Members 1040 (Member No. 7049,7312)					
	7312	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7049	0.000	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7049	0.000	CO3	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7049	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7049	0.200	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7049	0.000	CO2	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7049	0.000	CO3	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7049	0.000	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1041	Continuous Members 1041 (Member No. 7313,7325)					
	7325	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7325	0.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7325	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7325	0.000	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7313	0.150	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7313	0.150	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7313	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7325	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7325	0.000	RC10	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7313	0.000	CO11	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7325	0.000	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7325	0.000	RC10	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7313	0.000	CO12	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7325	0.000	RC10	0.07 ≤ 1	173)	and compression acc. to 6.2.4
	7325	0.250	CO2	0.01 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7325	0.000	RC10	0.07 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	RC10	0.08 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7313	0.000	CO12	0.02 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7325	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1042	Continuous Members 1042 (Member No. 7314,7326)					
	7326	0.250	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7326	0.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7326	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7326	0.000	RC10	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7314	0.150	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7314	0.150	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7314	0.300	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7326	0.000	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7326	0.000	RC10	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7314	0.000	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7326	0.000	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7326	0.000	RC10	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7326	0.500	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7326	0.000	RC10	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7326	0.250	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7326	0.000	RC10	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7326	0.000	RC10	0.16 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7326	0.500	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7326	0.000	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7326	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1043	Continuous Members 1043 (Member No. 7315,7327)					
	7315	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7327	0.250	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7327	0.250	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7327	0.000	RC10	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7315	0.150	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7315	0.150	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7327	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7315	0.300	CO12	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7327	0.500	CO12	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7327	0.250	RC10	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7315	0.000	CO11	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7327	0.000	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7327	0.250	RC10	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7327	0.000	CO6	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7327	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7327	0.000	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7327	0.000	RC10	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7327	0.250	RC10	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7327	0.000	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7327	0.000	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7327	0.000	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1044	Continuous Members 1044 (Member No. 7316,7328)					
	7328	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7328	0.250	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7328	0.250	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7328	0.000	RC10	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7316	0.150	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7316	0.150	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7328	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7316	0.150	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7316	0.300	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7328	0.250	RC10	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7316	0.000	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7328	0.000	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7328	0.250	RC10	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7316	0.300	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7328	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7328	0.000	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7328	0.000	RC10	0.22 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7328	0.250	RC10	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7316	0.300	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7328	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7328	0.000	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1045	Continuous Members 1045 (Member No. 7317,7329)					
	7329	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7329	0.250	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7329	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7329	0.000	RC10	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7317	0.150	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7317	0.150	RC10	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7329	0.250	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7317	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7317	0.150	CO6	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7329	0.250	RC10	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7317	0.000	CO5	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7329	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7329	0.250	RC10	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7329	0.000	CO3	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7329	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7329	0.000	RC10	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7329	0.250	RC10	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7329	0.000	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7329	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7329	0.000	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1046	Continuous Members 1046 (Member No. 7318,7330)					
	7330	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7330	0.250	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7330	0.250	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7330	0.000	RC10	0.09 ≤ 1	111)	acc. to 6.1.4 Cross-section resistance - Shear due to shear force Vz
	7318	0.150	RC10	0.05 ≤ 1	112)	acc. to 6.1.7 Cross-section resistance - Shear due to shear force Vy
	7318	0.150	RC10	0.10 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7330	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7318	0.000	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7318	0.300	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7330	0.250	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7318	0.000	CO11	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7330	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7330	0.250	RC10	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7330	0.000	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7330	0.000	RC10	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7330	0.250	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7330	0.000	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7330	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1047	Continuous Members 1047 (Member No. 7319,7331)					
	7331	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7319	0.150	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7319	0.150	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7331	0.000	RC10	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7319	0.150	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7319	0.150	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7331	0.250	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7319	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7319	0.300	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7319	0.150	RC10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7319	0.000	CO5	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7331	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7319	0.150	RC10	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7331	0.250	CO9	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7331	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7331	0.000	RC10	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7319	0.150	RC10	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7331	0.250	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7331	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7331	0.000	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1048	Continuous Members 1048 (Member No. 7320,7332)					
	7320	0.150	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7332	0.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7332	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7332	0.000	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7320	0.150	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7320	0.150	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7332	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7320	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7332	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7332	0.000	RC10	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7320	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7332	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. t

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7332	0.000	RC10	0.10 ≤ 1	171)	to 6.2.3 Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7320	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7332	0.000	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7332	0.000	RC10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7332	0.000	RC10	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7320	0.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7332	0.000	RC10	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7332	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1049	Continuous Members 1049 (Member No. 7321,7333)					
	7333	0.250	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7321	0.150	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7333	0.250	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7333	0.000	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7321	0.150	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7321	0.150	RC10	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7333	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7321	0.150	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7321	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7333	0.000	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7321	0.000	CO10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7333	0.000	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7333	0.000	RC10	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7321	0.300	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7333	0.000	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7333	0.000	RC10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7333	0.000	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7321	0.300	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7333	0.000	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7333	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1050	Continuous Members 1050 (Member No. 7322,7334)					
	7322	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7322	0.150	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7322	0.150	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7334	0.000	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7322	0.150	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7322	0.150	RC10	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7322	0.150	CO6	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7322	0.300	CO6	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7322	0.150	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7334	0.000	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7322	0.150	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7334	0.000	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7334	0.250	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7334	0.000	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7322	0.150	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7334	0.000	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7334	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1051	Continuous Members 1051 (Member No. 7323,7335)					

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	7323	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7323	0.300	CO11	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7335	0.250	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7335	0.000	RC10	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7323	0.150	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7323	0.150	RC10	0.12	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7335	0.250	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7323	0.000	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7323	0.150	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7323	0.300	CO11	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7323	0.000	CO5	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7335	0.000	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7323	0.300	CO9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7335	0.500	CO3	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7335	0.000	RC10	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7335	0.250	CO2	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7335	0.000	RC10	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7323	0.300	CO9	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7335	0.500	CO3	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7335	0.000	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
7335	0.000	RC10	0.04	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1052	Continuous Members 1052 (Member No. 7324,7336)						
	7324	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7324	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7324	0.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7324	0.150	RC10	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7324	0.150	CO3	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7324	0.150	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7336	0.250	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7324	0.000	CO3	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7324	0.300	CO3	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7324	0.000	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7324	0.150	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7324	0.300	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7324	0.000	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7324	0.300	CO2	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7324	0.300	RC10	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7336	0.250	CO2	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7324	0.300	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7324	0.000	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7324	0.300	CO2	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7324	0.300	RC10	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
7324	0.300	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1053	Continuous Members 1053 (Member No. 6867,7337)						
	7337	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	7337	0.250	RC10	0.04	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7337	0.250	RC10	0.02	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7337	0.250	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6867	0.150	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6867	0.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7337	0.500	CO5	0.01 ≤ 1	151)	6.1.8 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6867	0.300	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6867	0.000	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7337	0.250	RC10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6867	0.300	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7337	0.500	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7337	0.250	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6867	0.300	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7337	0.500	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7337	0.250	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7337	0.500	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7337	0.250	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6867	0.300	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7337	0.500	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7337	0.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1054	Continuous Members 1054 (Member No. 6891,7338)					
	6891	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7338	0.250	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7338	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7338	0.250	RC10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6891	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6891	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7338	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7338	0.250	RC10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7338	0.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7338	0.250	RC10	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6891	0.300	CO12	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7338	0.500	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6891	0.300	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7338	0.500	RC10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7338	0.250	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6891	0.300	CO3	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7338	0.500	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7338	0.500	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1055	Continuous Members 1055 (Member No. 6898,7339)					
	6898	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6898	0.300	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6898	0.300	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7339	0.250	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6898	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6898	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7339	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7339	0.500	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7339	0.250	RC10	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6898	0.150	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7339	0.500	RC10	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7339	0.250	RC10	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6898	0.150	CO12	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7339	0.500	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6898	0.300	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7339	0.500	RC10	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7339	0.250	RC10	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6898	0.150	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7339	0.500	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7339	0.500	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1056	Continuous Members 1056 (Member No. 6922,7340)					
	6922	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7340	0.250	RC10	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7340	0.250	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7340	0.250	RC10	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6922	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6922	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7340	0.500	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7340	0.500	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7340	0.500	CO6	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7340	0.250	RC10	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6922	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7340	0.500	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7340	0.250	RC10	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6922	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7340	0.500	RC10	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6922	0.300	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7340	0.500	RC10	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7340	0.250	RC10	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6922	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7340	0.500	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7340	0.500	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1057	Continuous Members 1057 (Member No. 6929,7341)					
	7341	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7341	0.000	RC10	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7341	0.000	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7341	0.250	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6929	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6929	0.000	RC10	0.11 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7341	0.250	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6929	0.300	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7341	0.500	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7341	0.500	CO11	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7341	0.000	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7341	0.500	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6929	0.000	CO1	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7341	0.000	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7341	0.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7341	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7341	0.500	RC10	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7341	0.250	CO2	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7341	0.000	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7341	0.500	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7341	0.500	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1058	Continuous Members 1058 (Member No. 6953,7342)					
	6953	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6953	0.000	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6953	0.000	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7342	0.250	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6953	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6953	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7342	0.250	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6953	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7342	0.250	RC10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6953	0.000	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7342	0.500	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7342	0.250	RC10	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6953	0.300	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7342	0.500	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6953	0.150	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7342	0.500	RC10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7342	0.250	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6953	0.000	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7342	0.500	RC10	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7342	0.500	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1059	Continuous Members 1059 (Member No. 6960,7343)					
	7343	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7343	0.000	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7343	0.000	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7343	0.250	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6960	0.000	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6960	0.000	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7343	0.250	CO12	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6960	0.300	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6960	0.000	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7343	0.250	RC10	0.11 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7343	0.000	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7343	0.500	RC10	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7343	0.250	RC10	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7343	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7343	0.500	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6960	0.300	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7343	0.500	RC10	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7343	0.250	RC10	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7343	0.000	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7343	0.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7343	0.500	RC10	0.07 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1060	Continuous Members 1060 (Member No. 6984,7344)					
	7344	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7344	0.000	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7344	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7344	0.250	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6984	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6984	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7344	0.250	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6984	0.300	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7344	0.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7344	0.500	RC10	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7344	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7344	0.500	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7344	0.500	RC10	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6984	0.300	CO3	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7344	0.500	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7344	0.000	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7344	0.500	RC10	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6984	0.300	CO3	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7344	0.500	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1061	Continuous Members 1061 (Member No. 6991,7345)					
	7345	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6991	0.150	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6991	0.150	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6991	0.000	RC10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6991	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6991	0.000	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7345	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7345	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6991	0.300	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7345	0.500	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6991	0.150	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6991	0.300	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7345	0.500	RC10	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6991	0.300	CO3	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6991	0.300	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7345	0.250	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7345	0.500	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7345	0.500	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6991	0.300	CO3	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6991	0.300	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6991	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1062	Continuous Members 1062 (Member No. 7015,7346)					
	7346	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7015	0.300	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7015	0.300	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7346	0.250	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7015	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7015	0.000	RC10	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7015	0.150	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7346	0.250	RC10	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7015	0.300	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7015	0.300	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7346	0.250	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7015	0.300	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7015	0.300	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7346	0.250	CO1	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7346	0.500	RC10	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7346	0.250	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7015	0.300	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7015	0.300	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7346	0.500	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1063	Continuous Members 1063 (Member No. 7022,7347)					
	7022	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7347	0.000	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7347	0.000	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7347	0.250	RC10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7022	0.000	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7022	0.000	RC10	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7347	0.250	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7347	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7347	0.250	RC10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7022	0.300	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7347	0.500	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7347	0.250	RC10	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7022	0.300	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7347	0.500	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7022	0.300	CO2	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7347	0.500	RC10	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7347	0.250	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7022	0.300	RC10	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7347	0.500	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7347	0.500	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1064	Continuous Members 1064 (Member No. 7046,7348)					
	7348	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7348	0.250	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7046	0.150	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7046	0.000	RC10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7046	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7046	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7348	0.250	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7046	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7046	0.300	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7348	0.250	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7046	0.150	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7046	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7348	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7046	0.000	CO8	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7046	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression a

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7348	0.500	RC10	0.00 ≤ 1	303)	acc. to 6.2.4 Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7046	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7348	0.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7046	0.000	CO8	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7046	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7046	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1065	Continuous Members 1065 (Member No. 6720,7349,8473)					
	7349	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7349	0.500	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7349	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8473	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6720	0.100	CO2	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8473	0.000	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7349	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8473	0.100	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8473	0.100	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7349	0.250	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7349	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8473	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7349	0.000	CO3	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7349	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8473	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7349	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8473	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7349	0.250	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7349	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8473	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8473	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1066	Continuous Members 1066 (Member No. 6737,7350,8474)					
	6737	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7350	0.250	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7350	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8474	0.000	RC10	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6737	0.100	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8474	0.000	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7350	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6737	0.000	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8474	0.000	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7350	0.250	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6737	0.100	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8474	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7350	0.250	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8474	0.000	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8474	0.000	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7350	0.250	RC10	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8474	0.000	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8474	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
1067	Continuous Members 1067 (Member No. 6768,7351,8475)					
	6768	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7351	0.250	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7351	0.250	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8475	0.000	RC10	0.20 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6768	0.100	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8475	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7351	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6768	0.000	CO12	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7351	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7351	0.250	RC10	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6768	0.200	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8475	0.000	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8475	0.050	RC10	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6768	0.200	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8475	0.000	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8475	0.000	RC10	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7351	0.250	RC10	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6768	0.200	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8475	0.000	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
8475	0.000	RC10	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1068	Continuous Members 1068 (Member No. 6799,7352,8476)					
	6799	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8476	0.050	RC10	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8476	0.050	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8476	0.000	RC10	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8476	0.050	CO9	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8476	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7352	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6799	0.000	CO6	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7352	0.000	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8476	0.050	RC10	0.23 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6799	0.200	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8476	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8476	0.050	RC10	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6799	0.200	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8476	0.000	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8476	0.000	RC10	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8476	0.050	RC10	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6799	0.200	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8476	0.000	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
8476	0.000	RC10	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1069	Continuous Members 1069 (Member No. 6830,7353,8477)					
	6830	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7353	0.250	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7353	0.250	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8477	0.000	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6830	0.100	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8477	0.000	RC10	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7353	0.250	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6830	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7353	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7353	0.250	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6830	0.000	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8477	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7353	0.250	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6830	0.000	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8477	0.000	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7353	0.250	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8477	0.000	RC10	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7353	0.250	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6830	0.000	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8477	0.000	RC10	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8477	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1070	Continuous Members 1070 (Member No. 6861,7354,8478)					
	6861	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8478	0.000	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8478	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8478	0.000	RC10	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6861	0.000	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8478	0.000	RC10	0.18 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8478	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8478	0.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6861	0.200	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8478	0.000	RC10	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8478	0.000	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8478	0.000	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8478	0.000	RC10	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8478	0.000	RC10	0.14 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8478	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8478	0.000	RC10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8478	0.000	RC10	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8478	0.000	RC10	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8478	0.000	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8478	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1071	Continuous Members 1071 (Member No. 6892,7355,8479)					
	7355	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6892	0.000	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6892	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8479	0.000	RC10	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6892	0.100	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8479	0.000	RC10	0.33 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8479	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7355	0.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6892	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7355	0.500	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6892	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8479	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. t

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8479	0.000	CO2	0.02 ≤ 1	171)	to 6.2.3 Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6892	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8479	0.000	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6892	0.000	RC10	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8479	0.000	RC10	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8479	0.000	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6892	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8479	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8479	0.000	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1072	Continuous Members 1072 (Member No. 6923,7356,8480)					
	7356	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7356	0.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7356	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8480	0.000	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6923	0.100	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8480	0.000	RC10	0.16 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8480	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7356	0.250	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6923	0.100	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7356	0.000	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6923	0.100	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8480	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7356	0.000	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6923	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8480	0.000	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7356	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8480	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7356	0.000	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6923	0.100	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8480	0.000	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8480	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1073	Continuous Members 1073 (Member No. 6954,7357,8481)					
	7357	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7357	0.250	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7357	0.250	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8481	0.000	RC10	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6954	0.100	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8481	0.000	RC10	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8481	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6954	0.100	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8481	0.050	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7357	0.250	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6954	0.200	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8481	0.000	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7357	0.250	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6954	0.200	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8481	0.000	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7357	0.250	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 -

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	8481	0.000	RC10	0.14 ≤ 1	311)	- Buckling about both axes Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7357	0.250	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6954	0.200	RC10	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8481	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8481	0.000	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1074	Continuous Members 1074 (Member No. 6985,7358,8482)					
	6985	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8482	0.050	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8482	0.050	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8482	0.000	RC10	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6985	0.100	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8482	0.000	RC10	0.27 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7358	0.250	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6985	0.000	CO6	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6985	0.200	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7358	0.250	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8482	0.050	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8482	0.000	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8482	0.050	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8482	0.050	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8482	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8482	0.000	RC10	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8482	0.050	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8482	0.050	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8482	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8482	0.000	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1075	Continuous Members 1075 (Member No. 7016,7359,8483)					
	7016	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7359	0.500	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7359	0.500	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8483	0.000	RC10	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7016	0.100	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8483	0.000	RC10	0.31 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7016	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7359	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7359	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7359	0.000	RC10	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7016	0.000	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8483	0.000	RC10	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7359	0.000	RC10	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7016	0.000	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8483	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8483	0.000	RC10	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7359	0.000	RC10	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7016	0.000	RC10	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8483	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	8483	0.000	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
1076	Continuous Members 1076 (Member No. 7047,7360,8484)					
	7360	0.250	CO10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	7360	0.250	RC10	0.02 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7360	0.250	RC10	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	8484	0.000	RC10	0.08 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8484	0.100	CO3	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8484	0.000	RC10	0.09 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7360	0.250	CO3	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7360	0.500	CO3	0.02 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8484	0.100	RC10	0.04 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8484	0.050	RC10	0.07 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7047	0.200	RC10	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8484	0.000	RC10	0.11 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8484	0.050	RC10	0.05 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7047	0.000	CO2	0.02 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8484	0.000	RC10	0.09 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7360	0.250	CO8	0.00 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	8484	0.000	RC10	0.07 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8484	0.050	RC10	0.06 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7047	0.000	CO2	0.02 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
8484	0.000	RC10	0.10 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
8484	0.000	RC10	0.01 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1077	Continuous Members 1077 (Member No. 6718,8461)					
	8461	0.400	CO10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	6718	0.200	RC10	0.03 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6718	0.200	RC10	0.02 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6718	0.200	RC10	0.02 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	8461	0.000	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6718	0.200	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8461	0.000	CO5	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8461	0.400	CO5	0.00 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8461	0.000	CO4	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8461	0.200	RC10	0.04 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6718	0.400	RC10	0.06 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8461	0.000	CO6	0.01 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8461	0.400	CO12	0.00 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6718	0.400	RC10	0.03 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6718	0.200	CO3	0.01 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6718	0.400	RC10	0.03 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8461	0.200	RC10	0.03 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8461	0.400	CO12	0.01 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6718	0.400	RC10	0.05 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
6718	0.400	RC10	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1078	Continuous Members 1078 (Member No. 6735,8462)					
	6735	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	8462	0.000	RC10	0.05 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8462	0.000	RC10	0.02 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6735	0.200	RC10	0.08 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6735	0.200	RC10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6735	0.200	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8462	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6735	0.200	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8462	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8462	0.000	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8462	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6735	0.400	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8462	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8462	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6735	0.400	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6735	0.200	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6735	0.400	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8462	0.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8462	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6735	0.400	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6735	0.400	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1079	Continuous Members 1079 (Member No. 6766,8463)					
	6766	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8463	0.000	RC10	0.11 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8463	0.000	RC10	0.05 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6766	0.200	RC10	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6766	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8463	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8463	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8463	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8463	0.000	RC10	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8463	0.400	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6766	0.400	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8463	0.000	CO2	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8463	0.400	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6766	0.400	RC10	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	8463	0.200	RC10	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6766	0.400	RC10	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8463	0.000	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8463	0.400	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6766	0.400	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6766	0.400	RC10	0.08 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1080	Continuous Members 1080 (Member No. 6797,8464)					
	6797	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8464	0.400	RC10	0.11 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8464	0.400	RC10	0.06 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6797	0.200	RC10	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6797	0.200	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8464	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8464	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8464	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6797	0.200	RC10	0.19 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8464	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6797	0.400	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6797	0.200	RC10	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6797	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6797	0.400	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6797	0.000	RC10	0.06 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6797	0.400	RC10	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6797	0.200	RC10	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8464	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6797	0.400	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6797	0.400	RC10	0.09 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1081	Continuous Members 1081 (Member No. 6828,8465)					
	6828	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6828	0.400	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8465	0.200	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6828	0.200	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6828	0.200	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6828	0.200	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8465	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6828	0.400	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8465	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8465	0.000	CO10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6828	0.400	CO11	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6828	0.400	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8465	0.000	CO8	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6828	0.200	CO2	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6828	0.400	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6828	0.400	RC10	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8465	0.000	CO8	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6828	0.200	CO2	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6828	0.400	RC10	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6828	0.400	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1082	Continuous Members 1082 (Member No. 6859,8466)					
	6859	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6859	0.200	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6859	0.200	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6859	0.200	RC10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6859	0.200	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6859	0.200	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8466	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8466	0.400	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6859	0.200	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6859	0.400	RC10	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6859	0.000	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6859	0.400	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6859	0.400	RC10	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6859	0.000	RC10	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6859	0.400	RC10	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6859	0.200	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6859	0.400	RC10	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	6859	0.400	RC10	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6859	0.000	RC10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6859	0.400	RC10	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6859	0.400	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1083	Continuous Members 1083 (Member No. 6890,8467)					
	6890	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8467	0.000	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8467	0.000	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6890	0.200	RC10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6890	0.200	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6890	0.200	RC10	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8467	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6890	0.400	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8467	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8467	0.000	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8467	0.000	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6890	0.400	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8467	0.200	CO8	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8467	0.000	RC10	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6890	0.400	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6890	0.200	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6890	0.400	RC10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8467	0.000	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8467	0.000	RC10	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6890	0.400	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6890	0.400	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1084	Continuous Members 1084 (Member No. 6921,8468)					
	8468	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	6921	0.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	6921	0.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6921	0.200	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6921	0.200	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6921	0.200	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8468	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	6921	0.200	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8468	0.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6921	0.200	RC10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6921	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	8468	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8468	0.000	CO3	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6921	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	8468	0.000	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6921	0.200	CO3	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6921	0.400	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6921	0.200	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6921	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	8468	0.000	RC10	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	6921	0.400	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
1085	Continuous Members 1085 (Member No. 6952,8469)					
	6952	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8469	0.400	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8469	0.400	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6952	0.200	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6952	0.200	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6952	0.200	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8469	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8469	0.200	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	6952	0.000	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	6952	0.400	RC10	0.18 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8469	0.200	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6952	0.400	RC10	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	6952	0.400	RC10	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8469	0.200	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6952	0.400	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6952	0.200	CO2	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	6952	0.400	RC10	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	6952	0.400	RC10	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8469	0.200	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
6952	0.400	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
6952	0.400	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1086	Continuous Members 1086 (Member No. 6983,8470)					
	6983	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8470	0.200	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8470	0.200	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	6983	0.200	RC10	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	6983	0.200	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	6983	0.200	RC10	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8470	0.000	CO12	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8470	0.400	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8470	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8470	0.000	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	6983	0.000	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	6983	0.400	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8470	0.200	CO2	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	6983	0.000	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	6983	0.400	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	6983	0.400	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8470	0.200	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	6983	0.000	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	6983	0.400	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
6983	0.400	RC10	0.05 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
1087	Continuous Members 1087 (Member No. 7014,8471)					
	7014	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	8471	0.400	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	8471	0.400	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7014	0.200	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
7014	0.200	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy a	

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7014	0.200	RC10	0.12 ≤ 1	121)	acc. to 6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8471	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8471	0.400	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7014	0.000	CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7014	0.200	CO11	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	8471	0.400	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7014	0.400	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8471	0.000	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	8471	0.400	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7014	0.400	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7014	0.200	CO2	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	7014	0.400	RC10	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8471	0.000	CO2	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	8471	0.400	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7014	0.400	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7014	0.400	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1088	Continuous Members 1088 (Member No. 7045,8472)					
	7045	0.200	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7045	0.200	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7045	0.200	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7045	0.200	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7045	0.200	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	8472	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	8472	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	8472	0.400	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	8472	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	8472	0.000	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7045	0.000	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7045	0.400	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	8472	0.000	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7045	0.000	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	7045	0.400	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7045	0.400	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	8472	0.000	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.000	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.400	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7045	0.400	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1089	Continuous Members 1089 (Member No. 6716,7361,7362)					
	7361	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7362	0.100	CO9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7362	0.050	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7362	0.050	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7362	0.050	RC10	0.12 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7361	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7362	0.100	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7362	0.100	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7362	0.100	CO8	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7362	0.000	CO2	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7362	0.100	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - B

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
						Bending about y-axis
1090	Continuous Members 1090 (Member No. 6733,7363,7364)					
	7363	0.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7364	0.100	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7364	0.050	RC10	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7364	0.050	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7364	0.050	RC10	0.21 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7363	0.250	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7363	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7363	0.500	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7364	0.100	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7363	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7364	0.100	RC10	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7364	0.100	RC10	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7364	0.100	RC10	0.24 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7364	0.100	RC10	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7364	0.100	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1091	Continuous Members 1091 (Member No. 6764,7365,7366)					
	6764	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7366	0.100	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7366	0.050	RC10	0.28 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7366	0.050	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7366	0.050	RC10	0.10 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7365	0.250	RC10	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7365	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7366	0.100	RC10	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7365	0.250	RC10	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7366	0.100	RC10	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7366	0.100	RC10	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7366	0.100	RC10	0.38 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7366	0.100	RC10	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7366	0.100	RC10	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1092	Continuous Members 1092 (Member No. 6795,7367,7368)					
	6795	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7368	0.050	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7368	0.050	RC10	0.28 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7368	0.050	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7368	0.050	RC10	0.13 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7367	0.250	RC10	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7367	0.500	RC10	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7367	0.250	RC10	0.15 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7368	0.100	RC10	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7368	0.100	RC10	0.43 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7368	0.100	RC10	0.39 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7368	0.100	RC10	0.43 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7368	0.100	RC10	0.15 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1093	Continuous Members 1093 (Member No. 6826,7369,7370)					
	7369	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7370	0.050	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7370	0.050	RC10	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7370	0.050	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7370	0.050	RC10	0.29 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7370	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7369	0.000	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7370	0.100	RC10	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7370	0.050	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7369	0.500	CO2	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7370	0.100	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7370	0.100	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7370	0.100	RC10	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7370	0.100	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7370	0.100	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1094	Continuous Members 1094 (Member No. 6857,7371,7372)					
	7371	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7372	0.100	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7372	0.050	RC10	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7372	0.050	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7372	0.000	RC10	0.22 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7372	0.050	RC10	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7371	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7372	0.100	RC10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7372	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7372	0.000	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7372	0.100	RC10	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1095	Continuous Members 1095 (Member No. 6888,7373,7374)					
	7373	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7374	0.100	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7374	0.050	RC10	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7374	0.050	RC10	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7374	0.050	RC10	0.35 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7373	0.000	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7374	0.100	RC10	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7374	0.100	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7374	0.000	CO5	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7374	0.100	RC10	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1096	Continuous Members 1096 (Member No. 6919,7375,7376)					
	7376	0.100	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7376	0.100	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7376	0.050	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7376	0.050	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7376	0.050	RC10	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7375	0.500	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7375	0.500	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7376	0.100	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7376	0.000	CO2	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7376	0.100	CO3	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7376	0.100	RC10	0.11 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1097	Continuous Members 1097 (Member No. 6950,7377,7378)					
	7377	0.250	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7378	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7378	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	7378	0.050	RC10	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7378	0.050	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7378	0.050	RC10	0.14 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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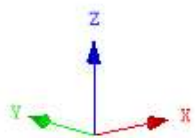
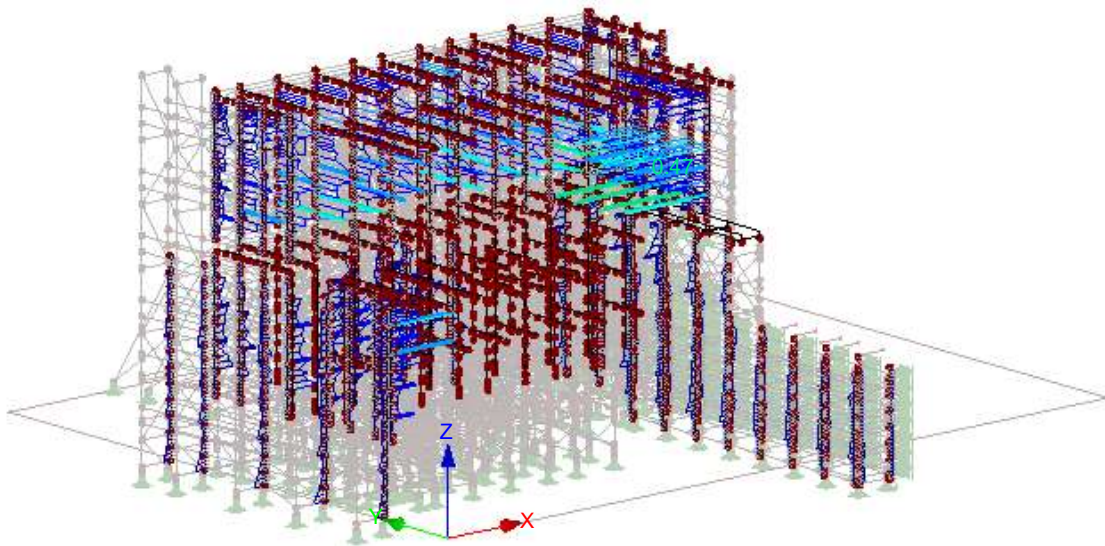
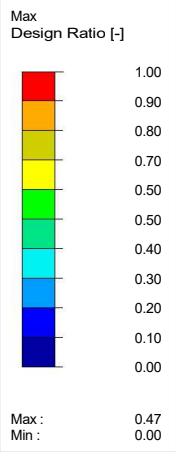
Set No.	Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	7377	0.250	RC10	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7377	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7377	0.500	RC10	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7378	0.000	RC10	0.23 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7377	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7378	0.100	RC10	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7378	0.000	RC10	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	7378	0.100	RC10	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7378	0.100	RC10	0.30 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7378	0.000	RC10	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	7378	0.100	RC10	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7378	0.100	RC10	0.10 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1098	Continuous Members 1098 (Member No. 6981,7379,7380)					
	6981	0.200	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7380	0.000	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7380	0.050	RC10	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7380	0.050	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7380	0.050	RC10	0.31 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7379	0.250	RC10	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7379	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7380	0.100	RC10	0.43 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7380	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7379	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7380	0.100	RC10	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7380	0.100	RC10	0.33 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1099	Continuous Members 1099 (Member No. 7381,7382)					
	7381	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7382	0.100	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	7382	0.050	RC10	0.24 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7382	0.050	RC10	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7382	0.050	RC10	0.37 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7381	0.250	RC10	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7381	0.000	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7382	0.100	RC10	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7381	0.250	RC10	0.14 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	7381	0.500	CO10	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	7382	0.100	RC10	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7382	0.100	RC10	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	7382	0.100	RC10	0.35 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7382	0.100	RC10	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	7382	0.100	RC10	0.13 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
1100	Continuous Members 1100 (Member No. 7043,7383,7384)					
	7383	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	7384	0.050	RC10	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	7384	0.050	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	7384	0.050	RC10	0.09 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	7383	0.250	RC10	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	7383	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	7384	0.100	RC10	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	7384	0.100	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	7384	0.100	RC10	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA1

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 0.47

RF-TIMBER Pro
CA2
Horizontal

Project: Model: Oikia Paidwn_phase 2_R11 Date: 4/10/2023

1.1.1 GENERAL DATA

Members to design:	7061-7064,7066,7068-7075,7077,7079-7082,7094-7097,7099,7101-7108,7110,7112-7119,7121,7123-7130,7132,7134-7141,7143,7145-7152,7154,7156-7159,7161-7163,7165,7167-7170,7172-7174,7176,7178-7181,7183-7185,7187,7189-7192,7194-7196,7198,7200-7203,7206,7207,7209,7211-7214,7216-7218,7220,7222-7225,7227-7229,7231,7233-7236,7238-7240,7242,7244-7247,7249-7251,7253,7255-7258,7615,7820,7821,7823-7837,7850-7856,7858-7867,7986-8003,8042-8050,8072-8080,8208-8216,8255-8263,8285-8293,8365,8367,8375-8377,8379,8380,8413,8417-8422,8430-8436,8439-8446,8448,8497-8500,8504,8506,8515-8521,8527-8529,9414-9417,9420-9426,9429-9435,9438-9444,9485-9493,9540-9548,9553-9561,9616-9624,9638-9646,9681,9682,9684-9689,9696-9699,9701-9704,9751-9754,9756-9759,9796-9804,9811-9819,9866-9874,9916-9924,10039-10045,10072-10078,10105-10111,10120-10126,10131-10137,10142-10148,10153-10159,10164-10170,10175-10181,10186-10192,10201-10221,10223-10229,10233-10253,10256-10262,10285-10273,10306-10331,10422-10426,10525-10576,10612-10615,10617,10619-10622,10624,10626,10627,10629,10638,10640,10722-10724,10729-10731,10862-10864,10869-10871,10876-10878,10883-10885,11047-11055,11936-12015,12018-12024,12027-12033,12036-12042,12045-12052,12054-12060,12063-12069,12072-12078,12081-12087,12090-12096,12222-12238,12278-12286,12332-12341,12468-12476		
Design according to Standard:	EN 1995-1-1:2004/A2:2014		
Ultimate Limit State Design Result combinations to design:	RC1 RC10	ULS (STR/GEO) - Permanent / transient - Eq. 6.10 seismos y-	
Serviceability Limit State Design Result combinations to design:	RC2 RC3 RC4	SLS - Characteristic SLS - Frequent SLS - Quasi-permanent	

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7061	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	1.000	CO2	0.01	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.12	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.28	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.12	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.29	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	172) Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.29	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01	≤ 1	303) Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02	≤ 1	328) Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.30	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341) Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations	
0.500	CO16	0.00	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO28	0.00	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO15	0.02	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO27	0.01	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7062	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	1.000	RC10	0.02	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.04	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
0.500	RC10	0.02	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.500	RC10	0.05	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and t	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.14	≤ 1	163)	tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.13	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.05	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.15	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7063	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO7	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7064	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.480	RC10	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.480	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7066	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7068	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7069	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7070	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO4	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.22 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.21 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.16 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.23 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.375	CO16	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.375	CO28	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7071	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO11	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.04 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.479	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7072	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.500	CO5	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.17 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.28 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	
7073	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7074	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7075	Cross-section No. 10 - T-Rectangle 50/200					

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.480	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.480	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7077	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.16 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7079	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7080	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.21 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7081	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7082	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.09 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7094	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.17 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7095	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7096	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.22 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.23 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.04 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.24 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
1.000	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO27	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7097	Cross-section No. 10 - T-Rectangle 50/200				
	0.960	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO6	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.08 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.08 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.480	RC10	0.09 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.09 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.02 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.09 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7099	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.03 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO9	0.00 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.18 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000	RC10	0.25 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.17 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7101	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7102	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7103	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7104	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7105	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7106	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7107	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
7108	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7110	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7112	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.19	≤ 1	333)	Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 -
	0.000	RC10	0.02	≤ 1	341)	Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7113	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.16	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.18	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 -
	1.500	RC10	0.20	≤ 1	333)	Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 -
	1.500	RC10	0.02	≤ 1	341)	Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7114	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 -
	1.500	RC10	0.02	≤ 1	341)	Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7115	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.479	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO2	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7116	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7117	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO26	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7118	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7119	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7121	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.17 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7123	Cross-section No. 10 - T-Rectangle 50/200			
0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.500	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7124	Cross-section No. 10 - T-Rectangle 50/200				
0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7125	Cross-section No. 10 - T-Rectangle 50/200				
1.125	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.750	CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.500	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.375	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.125	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7126	Cross-section No. 10 - T-Rectangle 50/200				
0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.479	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.958	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7127	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.21 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7128	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7129	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7130	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7132	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.19 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.19 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7134	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7135	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7136	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
7137	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.04 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.04 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7138	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.500	CO11	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO8	0.00 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.21 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.31 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.30 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.32 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
1.000	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO28	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO17	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO26	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7139	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	1.500	CO11	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.16 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.16 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.03 ≤ 1	311	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.17 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.01 ≤ 1	341	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO27	0.00 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7140	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7141	Cross-section No. 10 - T-Rectangle 50/200				
	0.960	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.480	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7143	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC10	0.21	≤ 1	163)	tension acc. to 6.2.3
	0.000	RC10	0.17	≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.20	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.19	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.21	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7145	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.14	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7146	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.13	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7147	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7148	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7149	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO13	0.00	≤ 1	400)	about y-axis
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7150	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.30	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7151	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7152	Cross-section No. 10 - T-Rectangle 50/200					
	0.960	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.480	RC10	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.480	RC10	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	RC10	0.03 ≤ 1	172)	compression acc. to 6.2.4
	0.480	RC10	0.10 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.04 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.11 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7154	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7156	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO26	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7157	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.14 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.15 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7158	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.17 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7159	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7161	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
7162	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7163	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	RC10	0.27 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.27 ≤ 1	163)	Cross-section resistance - Tension along the grain acc. to 6.2.3
	0.960	RC10	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.19 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
7165	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7167	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7168	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.06 ≤ 1	163)	tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO5	0.04 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.06 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7169	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7170	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	CO2	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7172	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7173	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.15	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7174	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.10	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC10	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7176	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7178	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7179	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7180	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7181	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7183	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7184	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.07 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7185	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	CO18	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.480	CO30	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7187	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7189	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7190	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
7191	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7192	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7194	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	7195	Cross-section No. 10 - T-Rectangle 50/200				
1.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
1.000		RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
1.000		RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.000		RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000		RC10	0.09	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.500		CO9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.500		CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.500		RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
1.000		RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
1.000		RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
1.000		RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
0.000		RC10	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.500		RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.04 ≤ 1	311)	Buckling about both axes Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7196	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.480	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7198	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7200	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7201	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7202	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7203	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7206	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7207	Cross-section No. 10 - T-Rectangle 50/200				
	0.960	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.480	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO9	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7209	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7211	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7212	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7213	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7214	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.479	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7216	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.16 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
7217	1.500	RC10	0.01	≤ 1	341)	Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.10	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO18	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7218	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.960	RC10	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.480	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7220	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.11 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.13 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.13 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7222	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO11	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7223	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7224	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7225	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.479	RC10	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO3	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO26	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7227	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7228	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7229	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7231	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
7233	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7234	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7235	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7236	Cross-section No. 10 - T-Rectangle 50/200				
0.479		CO6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.958		CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.958		CO3	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.479		CO11	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.958	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7238	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7239	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7240	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7242	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7244	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7245	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7246	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.01 ≤ 1	311)	6.2.4 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7247	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7249	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
7250	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7251	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7253	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.07	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7255	Cross-section No. 10 - T-Rectangle 50/200				
		0.500	CO7	0.00	≤ 1	100)
0.500		CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.000		CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.500		RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.500		CO9	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO7	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		CO11	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500		CO3	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
1.500		CO2	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000		RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		RC10	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		RC10	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
1.500		RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
1.000		CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500		CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500		CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7256	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.500	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7257	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7258	Cross-section No. 10 - T-Rectangle 50/200				
	0.958	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.479	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.958	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO11	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.958	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.958	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7615	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.479	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.958	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.479	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
7820	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7821	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.051	RC10	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7823	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.350	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7824	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7825	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7826	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.051	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.051	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7827	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.350	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	1.051	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
7828	0.701	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.350	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.701	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.350	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.350	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	7829	0.350	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.350		CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		CO9	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.350		CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.701		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.350		CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.701		CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200							
7830		0.701	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.350	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.051	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.701	CO4	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.051	CO2	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.350	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.701	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.350	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	7831	1.051	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.350		CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.701		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.350	CO17	0.00 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.350	CO26	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7832	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.051	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.051	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.350	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.701	CO26	0.00 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
	0.701	CO14	0.00 ≤ 1	406)	span, y-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.701	CO26	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
7833	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.051	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.350	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.701	CO26	0.00 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
	0.350	CO17	0.00 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
	0.350	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
	7834	Cross-section No. 10 - T-Rectangle 50/200				
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.701		CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.701		RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.051		CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000		RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000		RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.350		CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
0.701		CO26	0.00 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
0.350		CO17	0.01 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner	
0.350		CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner	
7835		Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.350	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.051	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7836	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7837	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.701	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7850	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7851	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7852	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7853	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7854	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7855	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7856	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7858	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7859	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7860	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7861	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7862	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7863	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7864	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.384	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO4	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7865	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
7866	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.768	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.384	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.152	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
	7867	0.384	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.768		RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.152		CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.152		RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.152		RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.768		CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768		CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768		CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200						
7986		0.384	CO5	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.768	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
	7987	0.768	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.768	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.152		RC10	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.152		CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.152		RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.152		RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384		CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768		CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768		CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200						
7988		0.384	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.768	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7989	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7990	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC10	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7991	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	
7992	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.01 ≤ 1	111)	
	0.384	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7993	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.00 ≤ 1	101)	
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO3	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7994	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO2	0.01 ≤ 1	111)	
	0.384	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7995	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO2	0.01 ≤ 1	111)	
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO2	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7996	Cross-section No. 10 - T-Rectangle 50/200				

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	CO11	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
7997	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
7998	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
7999	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8000	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO5	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8001	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO11	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8002	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8003	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8042	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.701	RC10	0.00 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8043	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.701	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.701	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.701	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8044	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8045	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.350	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.051	RC10	0.02	≤ 1	162)	tension acc. to 6.2.3
	1.051	RC10	0.03	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.350	RC10	0.00	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC10	0.03	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.350	RC10	0.01	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.051	RC10	0.02	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.03	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.701	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.701	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8046	Cross-section No. 10 - T-Rectangle 50/200					
	1.051	CO3	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.051	CO4	0.01	≤ 1	151)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC10	0.03	≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.701	RC10	0.01	≤ 1	162)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.03	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.701	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8047	Cross-section No. 10 - T-Rectangle 50/200					
	1.051	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.701	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO4	0.01	≤ 1	151)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	161)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC10	0.05	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.00	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO11	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC10	0.03	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.350	RC10	0.01	≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO11	0.02	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.05	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.701	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8048	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	CO9	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8049	Cross-section No. 10 - T-Rectangle 50/200				
	1.051	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8050	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8072	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.000	CO13	0.00 ≤ 1	400)	about y-axis	
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations	
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
8073	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.768	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.768	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.152	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
8074	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.152	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	8075	Cross-section No. 10 - T-Rectangle 50/200				
		0.384	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.768		RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.768		RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.152		RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.152		RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.152		RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.152		RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.152		RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384		CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384		CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768		CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
8076	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.768	RC10	0.01	≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8077	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	CO11	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	CO11	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8078	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8079	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO15	0.00 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8080	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO6	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8208	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8209	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8210	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
8211	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.384	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO9	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8212	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8213	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8214 Cross-section No. 10 - T-Rectangle 50/200				
1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8215 Cross-section No. 10 - T-Rectangle 50/200					
0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8216 Cross-section No. 10 - T-Rectangle 50/200					
0.768	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.152	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.384	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8255 Cross-section No. 10 - T-Rectangle 50/200					
0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.350	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.701	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.350	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.051	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.051	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.350	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.051	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.051	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8256	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8257	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	CO3	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8258	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.701	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	CO11	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8259	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	CO6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.701	CO3	0.01	≤ 1	162)	tension acc. to 6.2.3
	1.051	RC10	0.07	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.06	≤ 1	311)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	CO17	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8260	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.701	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.350	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.350	CO5	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.350	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC10	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC10	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.350	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8261	Cross-section No. 10 - T-Rectangle 50/200					
	0.701	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.701	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8262	Cross-section No. 10 - T-Rectangle 50/200					
	0.350	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.701	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	CO3	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.701	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8263	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.701	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.350	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8285	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO3	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8286	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8287	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8288	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO3	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8289	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8290	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
8291	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO12	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8292	Cross-section No. 10 - T-Rectangle 50/200				
0.384		CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.768		CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.000		RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.384		CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.768		RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
0.384		CO9	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000		RC10	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.384		CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.384		CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.384		CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.384		CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8293	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8365	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8367	Cross-section No. 10 - T-Rectangle 50/200				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8375	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8376	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8377	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO6	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO12	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO3	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8379	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8380	Cross-section No. 10 - T-Rectangle 50/200					
	0.315	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO11	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	CO6	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO2	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO6	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	CO11	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC10	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.629	CO12	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.629	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8413	Cross-section No. 10 - T-Rectangle 50/200					
	1.125	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8417	Cross-section No. 10 - T-Rectangle 50/200					
	0.150	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
8418	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8419	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8420	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
8421	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8422	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO12	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8430	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8431	Cross-section No. 10 - T-Rectangle 50/200				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8432	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8433	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO17	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8434	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8435	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8436	Cross-section No. 10 - T-Rectangle 50/200					
	0.315	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO4	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	CO2	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO4	0.00	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	CO11	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	CO11	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8439	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.125	RC10	0.01	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.08	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8440	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8441	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8442	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8443	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	CO3	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8444	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8445	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.384	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8446	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8448	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8497 Cross-section No. 10 - T-Rectangle 50/200				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	8498 Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000	CO3	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	CO3	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.000	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.000	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	CO3	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	8499 Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	8500 Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO12	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8504	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO12	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO12	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO6	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8506	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO12	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	CO6	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO12	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	CO4	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.629	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.629	CO12	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	RC10	0.01 ≤ 1	328)	about y-axis Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8515	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO12	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.09 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8516	Cross-section No. 10 - T-Rectangle 50/200				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8517	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO11	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8518	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8519	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO3	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO6	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8520	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO6	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO6	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8521	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO12	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	CO6	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO12	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	CO4	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	CO12	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8527	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO12	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8528	Cross-section No. 10 - T-Rectangle 50/200				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
8529	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO11	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9414	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9415	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9416	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9417	Cross-section No. 10 - T-Rectangle 50/200				
	0.315	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO2	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	CO12	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO12	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.629	RC10	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.629	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.315	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.02 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9420	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9421	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
9422	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9423	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9424	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO6	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9425	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
9426	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.629	CO6	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO11	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9429	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO6	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.125	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO18	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9430	Cross-section No. 10 - T-Rectangle 50/200				
0.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
9431	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9432	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO9	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9433	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9434	Cross-section No. 10 - T-Rectangle 50/200						
	0.500	CO12	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	9435	Cross-section No. 10 - T-Rectangle 50/200					
	0.629	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.629	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.629	CO6	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.629	CO11	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.629	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO3	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.629	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.315	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.315	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.315	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.315	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	9438	Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000		CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.125		RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO3	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.125		CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		RC10	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
1.500		RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		RC10	0.06	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
1.500		RC10	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.500		CO3	0.22	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		RC10	0.06	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC10	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
1.125		CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.125		CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.750		CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750		CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	

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Member No.	Location x [m]	LC/CO/ RC	Design	Design No.	Description
9439	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations
9440	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	CO10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations
	1.000	CO17	0.00	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9441	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO12	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.02	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.03	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.03	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.01	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO26	0.00	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9442	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	1.500	CO2	0.00	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.02	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO9	0.03	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO2	0.01	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.03	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02	≤ 1	311) Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations
	1.000	CO15	0.00	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO27	0.00	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9443	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	1.500	CO2	0.00	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO12	0.00	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO6	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC10	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.03	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO12	0.00	≤ 1	172) Cross-section resistance - Uniaxial bending about z-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO12	0.03	≤ 1	173)	compression acc. to 6.2.4
	1.500	CO9	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO12	0.01	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO12	0.04	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO12	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO15	0.00	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9444	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.315	CO12	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO12	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	CO6	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9485	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9486	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9487	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9488	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9489	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9490	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9491	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9492	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9493	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.600	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.600	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.600	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9540	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO4	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO4	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO4	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9541	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO4	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO4	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9542	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO5	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO4	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.152	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9543	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO5	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and c

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.152	RC10	0.05	≤ 1	173)	compression acc. to 6.2.4
	1.152	CO5	0.04	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.06	≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Negligible deformations
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9544	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO6	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO5	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9545	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.384	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO5	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.384	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.152	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
9546	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO4	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	CO5	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO5	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.768	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.768	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9547	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.768	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.768	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.768	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.02	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9548	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.152	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9553	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.954	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.954	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.954	CO4	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.477	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.954	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.954	CO9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.954	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.954	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.954	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.477	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.477	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.477	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.477	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9554	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.952	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.04 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9555	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.952	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.952	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9556	Cross-section No. 10 - T-Rectangle 50/200					
	0.476	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO3	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.476	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.476	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.952	RC10	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.476	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9557	Cross-section No. 10 - T-Rectangle 50/200					
	0.952	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9558	Cross-section No. 10 - T-Rectangle 50/200					
	0.952	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9559	Cross-section No. 10 - T-Rectangle 50/200				
	0.952	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9560	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.476	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.476	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.476	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.476	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9561	Cross-section No. 10 - T-Rectangle 50/200				
	0.952	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO11	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.476	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9616	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.775	CO5	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.775	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO12	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.775	CO5	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.775	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	CO5	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.10 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.03 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9617	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.775	CO5	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.775	CO4	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	CO4	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC10	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	CO5	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC10	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.09 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.02 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9618	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.775	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	CO4	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	CO4	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.00 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9619	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.775	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	CO4	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9620	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.388	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO3	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	CO4	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9621	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.775	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.775	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.388	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO5	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.775	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9622	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.388	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO5	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9623	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.388	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.388	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO11	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.388	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO5	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.775	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.775	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	RC10	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.775	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design	Design No.	Description	
9624	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.775	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.775	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
9638	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
9639	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9640	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9641	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9642	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
9643	Cross-section No. 10 - T-Rectangle 50/200					
	0.768	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9644 Cross-section No. 10 - T-Rectangle 50/200						
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9645 Cross-section No. 10 - T-Rectangle 50/200						
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9646 Cross-section No. 10 - T-Rectangle 50/200						
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9681 Cross-section No. 10 - T-Rectangle 50/200						
	0.701	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.350	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.701	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.701	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.701	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.051	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.350	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes	
	0.350	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.051	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.701	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.701	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	9682 Cross-section No. 10 - T-Rectangle 50/200					
		0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.701		RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.701		RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000		CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.701	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	CO11	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.701	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9684	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.350	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.350	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.350	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9685	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.051	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.350	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9686	Cross-section No. 10 - T-Rectangle 50/200				

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.350	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.350	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.350	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9687	Cross-section No. 10 - T-Rectangle 50/200				
	0.701	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.701	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.701	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO8	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.051	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.051	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.051	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.03 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9688	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.051	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.350	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.051	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.350	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.701	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.701	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.701	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.051	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.350	RC10	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.701	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.051	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.701	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9689	Cross-section No. 10 - T-Rectangle 50/200				
	0.350	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.051	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.350	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.051	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.051	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.051	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.350	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.350	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.350	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.701	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9696	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO6	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9697	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO6	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.768	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.768	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9698	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9699	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO9	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9701	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.384	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9702	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9703	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.768	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO9	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	RC10	0.08 ≤ 1	163)	tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.07 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.384	RC10	0.02 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	RC10	0.02 ≤ 1	311)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.08 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.02 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9704	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.152	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9751	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	CO3	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9752	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO3	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.152	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9753	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9754	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.768	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9756	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.152	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9757	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.152	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9758	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.768	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.152	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.152	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.152	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9759	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9796	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.384	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9797	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	CO10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO5	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
9798	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.768	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9799	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.768	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	CO5	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.152	CO6	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.384	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9800	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.384	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.384	RC10	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.16 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.384	RC10	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9801	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.384	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.768	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9802	Cross-section No. 10 - T-Rectangle 50/200				
	0.384	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.384	RC10	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.14 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9803	Cross-section No. 10 - T-Rectangle 50/200				
	0.768	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.13 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.384	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9804	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.152	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.384	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.384	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9811	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.476	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO5	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO10	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9812	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.476	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO10	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO5	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.952	CO10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	CO10	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9813	Cross-section No. 10 - T-Rectangle 50/200				
	0.952	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO10	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.952	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO10	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9814	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.952	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO6	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9815	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.476	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO4	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.476	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.476	CO5	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.952	CO10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.476	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.952	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.952	CO10	0.20 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.476	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.952	RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9816	Cross-section No. 10 - T-Rectangle 50/200				
	0.952	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO11	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.952	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	CO10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	CO10	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9817	Cross-section No. 10 - T-Rectangle 50/200				
	0.476	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO11	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.952	RC10	0.17 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9818	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.476	RC10	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.952	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.952	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.952	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO10	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.952	CO10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.952	RC10	0.15 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9819	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.952	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.476	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.476	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.476	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.476	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.476	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.476	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.476	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9866	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.775	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9867	Cross-section No. 10 - T-Rectangle 50/200				
	0.775	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.388	CO12	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.12 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9868	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.388	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.775	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.775	CO5	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.775	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.775	CO5	0.10 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.388	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
9869	0.775	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO6	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.388	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.775	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.388	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.388	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.388	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
	9870	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO5	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.775		CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.775		CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		CO6	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO4	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		RC10	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000		CO5	0.21 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		RC10	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.388		CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.388		CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.388		CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.388		CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 10 - T-Rectangle 50/200						
9871	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO5	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.775	CO5	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.775	RC10	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO5	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO5	0.18 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.388	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.388	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.388	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.388	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
9872	0.775	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO5	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.775	CO5	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.775	RC10	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.775	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO5	0.16	≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9873	Cross-section No. 10 - T-Rectangle 50/200					
	0.775	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.388	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO12	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO4	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO4	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9874	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.388	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.775	CO3	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.775	CO5	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.775	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.775	CO4	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.775	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.775	CO4	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.775	CO4	0.00	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.388	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.388	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.388	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.388	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9916	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
9917	Cross-section No. 10 - T-Rectangle 50/200					
	1.152	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9918	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO4	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	CO5	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO5	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.152	RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.152	CO5	0.14	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.384	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9919	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.768	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9920	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.768	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9921	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.768	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9922	Cross-section No. 10 - T-Rectangle 50/200					
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.152	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
9923	0.768	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.768	CO28	0.00	≤ 1	402)		
	Cross-section No. 10 - T-Rectangle 50/200						
	1.152	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.152	CO1	0.01	≤ 1	111)		
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.152	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
9924	Cross-section No. 10 - T-Rectangle 50/200						
	0.384	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.152	CO1	0.01	≤ 1	111)		
	1.152	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.152	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10039	Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO1	0.00	≤ 1	111)		
0.384		CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.384		CO1	0.00	≤ 1	311)		
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.384		CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10040		Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.152	CO1	0.00	≤ 1	111)		
	0.384	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.384	CO1	0.00	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10041	Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO1	0.00	≤ 1	111)		
0.384		CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.384		CO1	0.00	≤ 1	311)		
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.384		CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10042		Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	111)		
	0.384	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.384	CO1	0.00	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.768	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.768	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10043	Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.152		CO1	0.00	≤ 1	111)		
0.384		CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.384		CO1	0.00	≤ 1	311)		
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.384		CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.768		CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
					span, z-direction
10044	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10045	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10072	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10073	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10074	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.152	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10075	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10076	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.768	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10077	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10078	Cross-section No. 10 - T-Rectangle 50/200				
	1.152	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10105	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10106	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10107	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10108	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.384	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.384	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10109	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.384	CO5	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.384	CO5	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.768	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10110	0.768	CO26	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.768	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.768	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.384	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.384	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10111	Cross-section No. 10 - T-Rectangle 50/200				
0.000		RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000		CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.384		CO3	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.384		CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.768		CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.384		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10120		Cross-section No. 10 - T-Rectangle 50/200				
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10121	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
10122	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10123	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO16	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO28	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10124	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10125	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10126	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10131	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10132	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10133	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO1	0.01 ≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10134	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10135	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10136	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10137	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10142	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10143	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10144	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10145	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10146	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	10147	Cross-section No. 10 - T-Rectangle 50/200				
1.500		RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
1.500		CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.500		CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.500		CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500		CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000		CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000		CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10148	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
10153	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	1.000	CO16	0.00	≤ 1	406)		
	1.000	CO28	0.00	≤ 1	407)		
	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01	≤ 1	111)		
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.000	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO13	0.00	≤ 1	401)		
1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
1.000	CO17	0.00	≤ 1	406)			
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
10154	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01	≤ 1	111)		
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO22	0.00	≤ 1	401)		
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO17	0.00	≤ 1	406)		
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10155	Cross-section No. 10 - T-Rectangle 50/200						
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO1	0.01	≤ 1	111)		
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO20	0.00	≤ 1	401)		
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO17	0.00	≤ 1	406)			
10156	Cross-section No. 10 - T-Rectangle 50/200						
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	CO1	0.01	≤ 1	111)		
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO5	0.00	≤ 1	152)		
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations	
	0.000	CO13	0.00	≤ 1	400)		
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO29	0.00	≤ 1	402)		
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00	≤ 1	407)			
10157	Cross-section No. 10 - T-Rectangle 50/200						
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	CO1	0.01	≤ 1	111)		
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	CO1	0.01	≤ 1	311)		
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO20	0.00	≤ 1	401)		
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO17	0.00	≤ 1	406)			
10158	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	CO1	0.01	≤ 1	111)		

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10159	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10164	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10165	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10166	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10167	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10168	Cross-section No. 10 - T-Rectangle 50/200				

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10169	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10170	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10175	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10176	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10177	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10178	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10179	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10180	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10181	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10186	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10187	Cross-section No. 10 - T-Rectangle 50/200				

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10188	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10189	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10190	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10191	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10192	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10201	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10202	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10203	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10204	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10205	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10206	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10207	1.000	CO27	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10208	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10209	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.000	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10210	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10211	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10212	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10213	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10214	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10215	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10216	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10217	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10218	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10219	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10220	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10221	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10223	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10224	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10225	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10226	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10227	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10228	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10229	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10233	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10234	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10235	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
10236	0.500	CO30	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10237	Cross-section No. 10 - T-Rectangle 50/200					
1.000		RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000		CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.500		CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.500		CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000		CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10238		Cross-section No. 10 - T-Rectangle 50/200					
		1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10239	Cross-section No. 10 - T-Rectangle 50/200					
		1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.500		CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.500		CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000		CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10240		Cross-section No. 10 - T-Rectangle 50/200					
		1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10241	Cross-section No. 10 - T-Rectangle 50/200					
		1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.500		CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.500		CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
1.000		CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500		CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500		CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
10242	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending a	

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10243	0.000	CO13	0.00 ≤ 1	400)	about y-axis
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO6	0.01 ≤ 1	311)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Negligible deformations
0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10244	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO6	0.01 ≤ 1	311)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10245	Cross-section No. 10 - T-Rectangle 50/200			
0.000		RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.500		CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.500		CO1	0.01 ≤ 1	311)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		CO13	0.00 ≤ 1	400)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
0.500		CO22	0.00 ≤ 1	401)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
1.000		CO30	0.00 ≤ 1	402)	Serviceability - Negligible deformations
10246	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.000	CO1	0.01 ≤ 1	111)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Negligible internal forces
	0.500	CO1	0.01 ≤ 1	311)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO13	0.00 ≤ 1	400)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO15	0.00 ≤ 1	401)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO29	0.00 ≤ 1	402)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
10247	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1	0.01 ≤ 1	111)	Serviceability - Negligible deformations
	0.500	CO1	0.01 ≤ 1	151)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO1	0.01 ≤ 1	311)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00 ≤ 1	400)	Cross-section resistance - Negligible internal forces
	0.500	CO23	0.00 ≤ 1	401)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO27	0.00 ≤ 1	402)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
10248	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO1	0.01 ≤ 1	151)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO1	0.01 ≤ 1	311)	Serviceability - Negligible deformations

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	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10249 Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10250 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10251 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10252 Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10253 Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10256 Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO22	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10257 Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10258	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10259	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10260	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10261	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10262	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10265	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10266	Cross-section No. 10 - T-Rectangle 50/200					

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	10267 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10268 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO17	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10269 Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10270 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10271 Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	10272 Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, z-direction						
10273	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10306	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10307	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10308	Cross-section No. 10 - T-Rectangle 50/200				
1.000		RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.500		CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.500		CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.000		CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.000		CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.500		CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500		CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000		CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000		CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10309		Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10310	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10311	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10312	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10313	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10314	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO22	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10315	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO23	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10316	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10317	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10318	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10319	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10320	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10321	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10322	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO20	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10323	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
10324	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10325	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10326	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10327	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10328	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10329	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10330	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
10331	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.000	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00	≤ 1	400)	
	0.500	CO16	0.00	≤ 1	401)	
	0.500	CO25	0.00	≤ 1	402)	
	0.500	CO25	0.00	≤ 1	402)	
10422	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	111)	
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	152)	
	1.000	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00	≤ 1	400)	
	0.500	CO16	0.00	≤ 1	401)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	402)	
	1.000	CO13	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
1.000	CO25	0.00	≤ 1	407)		
10423	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	111)	
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO2	0.01	≤ 1	311)	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.00	≤ 1	401)	
	0.500	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO14	0.00	≤ 1	406)	
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
1.000	CO26	0.00	≤ 1	407)		
10424	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO2	0.01	≤ 1	111)	
	0.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.00	≤ 1	152)	
	0.500	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00	≤ 1	400)	
	1.000	CO14	0.00	≤ 1	401)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	402)	
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
0.500	CO26	0.00	≤ 1	407)		
10425	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO2	0.01	≤ 1	111)	
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	
	0.500	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00	≤ 1	400)	
	0.500	CO20	0.00	≤ 1	401)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO25	0.00	≤ 1	402)	
	1.000	CO15	0.00	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
0.500	CO26	0.00	≤ 1	407)		
10426	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO6	0.01	≤ 1	111)	
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.00	≤ 1	152)	
	0.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis Serviceability - Negligible deformations Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.000	CO13	0.00	≤ 1	400)	
0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500	CO17	0.00	≤ 1	401)		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10525	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10526	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10527	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10528	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.125	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10529	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10530	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10531	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10532	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10533	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10534	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10535	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10536	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10537	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10538	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10539	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
10540	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
10541	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.320	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10542	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10543	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10544	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10545	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10546	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10547	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
10548	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10549	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10550	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10551	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10552	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.375	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10553	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.320	CO13	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.320	CO25	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10554	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10555	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10556	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10557	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10558	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	2.200	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10559	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.320	CO1	0.02	≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10560	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10561	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.320	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.320	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10562	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.440	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.440	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10563	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10564	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
10565	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10566	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10567	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	2.200	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	2.200	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10568	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10569	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10570	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.320	CO1	0.02	≤ 1	311)	6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10571	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10572	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10573	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	2.640	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10574	Cross-section No. 10 - T-Rectangle 50/200					
	2.640	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	2.640	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO1	0.00	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.320	CO1	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10575	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	2.640	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	2.640	CO1	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.320	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10576	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10612	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	2.640	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.880	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.880	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10613	Cross-section No. 10 - T-Rectangle 50/200				
	2.640	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.320	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.320	CO1	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.320	CO13	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.320	CO25	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.760	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.760	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10614	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10615	Cross-section No. 10 - T-Rectangle 50/200				

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10617	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	CO2	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10619	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10620	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10621	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10622 Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10624 Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10626 Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10627 Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10629 Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
	1.500	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.500	CO2	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10638	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO2	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.000	CO2	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	10640	Cross-section No. 10 - T-Rectangle 50/200				
		1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.000		CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.000		CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.500		CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500		CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500		CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10722	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO23	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	10723	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10724	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO24	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO13	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10729	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO20	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10730	Cross-section No. 10 - T-Rectangle 50/200				
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	10731	Cross-section No. 10 - T-Rectangle 50/200			
0.000		RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.000		CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.000		CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
0.500		CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500		CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000		CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10862	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
10863	Cross-section No. 10 - T-Rectangle 50/200				
	0.375	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO3	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	CO5	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO1	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10864	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10869	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO18	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10870	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.750	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.750	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10871	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO21	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description		
10876	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	1.000	CO29	0.00 ≤ 1	407)			
	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	1.500	CO4	0.01 ≤ 1	111)			
	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	1.500	CO4	0.00 ≤ 1	152)			
	0.500	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	1.000	CO16	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	0.500	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
	0.500	CO25	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	10877	Cross-section No. 10 - T-Rectangle 50/200					
1.500		RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
0.000		CO5	0.01 ≤ 1	111)			
0.750		CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
1.500		CO4	0.00 ≤ 1	152)			
0.750		CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
0.750		CO13	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
0.750		CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
0.750		CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
0.750		CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
10878		Cross-section No. 10 - T-Rectangle 50/200					
		1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
		0.000	CO6	0.01 ≤ 1	111)		
	1.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	1.500	CO5	0.00 ≤ 1	152)			
	1.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	0.500	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	1.000	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	10883	Cross-section No. 10 - T-Rectangle 50/200					
		1.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
		1.500	CO4	0.01 ≤ 1	111)		
0.500		CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
1.500		CO4	0.00 ≤ 1	152)			
0.500		CO1	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
1.000		CO21	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
1.000		CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
1.000		CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
1.000		CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
10884		Cross-section No. 10 - T-Rectangle 50/200					
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
		0.000	CO5	0.01 ≤ 1	111)		
	0.750	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6 Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	0.000	CO5	0.00 ≤ 1	152)			
	0.375	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6 Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
	0.750	CO6	0.01 ≤ 1	311)			
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	0.750	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
10885	0.750	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.750	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 10 - T-Rectangle 50/200						
	1.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO1	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO25	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO25	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	11047	Cross-section No. 10 - T-Rectangle 50/200					
		0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
1.000		RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
1.000		RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.000		RC10	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.000		RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.500		RC10	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		RC10	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.500		RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		RC10	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.000		RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
1.500		RC10	0.21	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000		RC10	0.16	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1.000		RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC10	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500		RC10	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11048		Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.000	RC10	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.11	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC10	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC10	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.000	RC10	0.11	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.000	RC10	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	11049	Cross-section No. 10 - T-Rectangle 50/200					
		1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
		1.000	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
		1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000		RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.500		RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.500		RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.500		RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.500		RC10	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000		RC10	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC10	0.12 ≤ 1	333)	about y-axis Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11050	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO8	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.500	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11051	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11052	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11053	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
11054	1.000	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO6	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
11055	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
11936	1.500	CO12	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO9	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
11937	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO4	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.09	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
11937	0.000	RC10	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11938	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO4	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11939	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11940	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
11941	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11942	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11943	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11944	Cross-section No. 10 - T-Rectangle 50/200				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11945	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11946	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.17	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.20	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11947	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO4	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO3	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11948	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11949	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11950	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
11951	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11952	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11953	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11954	Cross-section No. 10 - T-Rectangle 50/200					
	1.125	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO5	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.375	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.05	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.06	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11955	Cross-section No. 10 - T-Rectangle 50/200					
	0.958	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.958	CO5	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
11956	0.000	RC10	0.04	≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000	CO2	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.500	RC10	0.16	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC10	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.500	RC10	0.15	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.000	RC10	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
1.500	RC10	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
11957	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO8	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO8	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO4	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.12	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11958	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO5	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11959	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO3	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11960	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
11961	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO6	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11962	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11963	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.05 ≤ 1	333)	Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 -
	1.500	RC10	0.02 ≤ 1	341)	Buckling about both axes Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11964	Cross-section No. 10 - T-Rectangle 50/200				
	0.750	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11965	Cross-section No. 10 - T-Rectangle 50/200				
	0.958	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO1	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11966	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.19 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.18 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11967	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO7	0.01 ≤ 1	151)	6.1.7 Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO5	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11968	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO12	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO12	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO12	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11969	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11970	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
11971	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO6	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11972	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC10	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11973	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11974	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO6	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO6	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11975	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.958	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11976	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	RC10	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.08	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11977	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11978	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO3	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11979	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11980	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
11981	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
11982	1.500	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.500	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
11983	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	11984	Cross-section No. 10 - T-Rectangle 50/200			
0.375		CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.750		RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.750		RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.500		CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.750		RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.750		RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
1.500		RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.750		RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
1.500		RC10	0.05 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.000		RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.750		RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
1.500		RC10	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11985	Cross-section No. 10 - T-Rectangle 50/200				
	0.958	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.958	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11986	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11987	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11988	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11989	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
11990	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
11991	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
11992	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO3	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	11993	Cross-section No. 10 - T-Rectangle 50/200				
		1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
1.500		CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.500		RC10	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.500		RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
1.500		CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
11994		Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	CO2	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.500	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4		
1.500	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4		
0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
0.500	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes		
1.500	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes		
1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		
11995	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.958	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.958	CO9	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.958	CO9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
11996	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11997	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO12	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO1	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO12	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11998	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.13 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.14 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
11999	Cross-section No. 10 - T-Rectangle 50/200				
	0.960	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12000	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
12001	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12002	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12003	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.02	≤ 1	162)	tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.03	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO6	0.02	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.05	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
						Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12004	Cross-section No. 10 - T-Rectangle 50/200					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.750	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12005	Cross-section No. 10 - T-Rectangle 50/200					
	0.958	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO9	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12006	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO12	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO12	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12007	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO1	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO1	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO2	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12008	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.04 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12009	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO8	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12010	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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■ 2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
12011	Cross-section No. 10 - T-Rectangle 50/200					
	1.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	12012	Cross-section No. 10 - T-Rectangle 50/200				
0.500		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.500		RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.500		RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO3	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.000		RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000		CO8	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.500		RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.500		CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000		RC10	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
1.500		RC10	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		RC10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
1.500		RC10	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
1.500		CO3	0.05	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
0.000		RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
1.500		RC10	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
1.500		RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12013		Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO8	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12014	Cross-section No. 10 - T-Rectangle 50/200					
	1.125	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.750	CO5	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	RC10	0.01	≤ 1	162)	tension acc. to 6.2.3
	1.500	RC10	0.09	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.750	RC10	0.00	≤ 1	172)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.08	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO6	0.04	≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.02	≤ 1	328)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.10	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
						Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12015	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO6	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01	≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO12	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12018	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO5	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.17	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12019	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
12020	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO9	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12021	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.04	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.00	≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO6	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO8	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.08 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12022	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO6	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO6	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO6	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.07 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12023	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO6	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO6	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO6	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12024	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO5	0.06 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO11	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO11	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12027	Cross-section No. 10 - T-Rectangle 50/200				
	0.960	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO9	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12028	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
12029	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12030	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12031	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12032	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO4	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO6	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO6	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12033	Cross-section No. 10 - T-Rectangle 50/200				
	0.958	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO6	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	CO11	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
12036	0.000	CO11	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.480	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	CO9	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12037	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
12038	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12039	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12040	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12041	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12042	Cross-section No. 10 - T-Rectangle 50/200					
	0.958	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO9	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	CO11	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12045	Cross-section No. 10 - T-Rectangle 50/200					
	0.960	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.480	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12046	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
12047	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12048	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12049	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO8	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.03	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
12050	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
12051	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO11	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12052	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
12054	Cross-section No. 10 - T-Rectangle 50/200					
	0.960	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO12	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12055	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
12056	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO9	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	12057	Cross-section No. 10 - T-Rectangle 50/200				
0.500		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.500		RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.500		RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500	CO3	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12058	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.06 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12059	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.03 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO12	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO9	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12060	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO5	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	CO2	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO11	0.05 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
12063	Cross-section No. 10 - T-Rectangle 50/200						
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.960	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.480	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.480	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO8	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.960	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	12064	Cross-section No. 10 - T-Rectangle 50/200					
		0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	12065	Cross-section No. 10 - T-Rectangle 50/200					
0.500		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.500		RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.000		RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.500		RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		CO3	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12066	Cross-section No. 10 - T-Rectangle 50/200						
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	CO3	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC10	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO11	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	CO3	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1.500	RC10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.500	RC10	0.04	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.500	CO3	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	1.500	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis		
12067	Cross-section No. 10 - T-Rectangle 50/200						
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO6	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.500	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	CO5	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.500	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	RC10	0.01	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12068	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	CO12	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO6	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO5	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.02	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.03	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis	
12069	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.479	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.958	CO5	0.03	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	CO12	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO7	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO8	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.479	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO11	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.479	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
	12072	Cross-section No. 10 - T-Rectangle 50/200				
0.960		CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.480		RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.480		RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.480		RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.960		CO12	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO12	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.480		RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
0.000		RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
12073	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
12074	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO12	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12075	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO9	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12076	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12077	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12078	Cross-section No. 10 - T-Rectangle 50/200				
	0.958	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.479	CO6	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12081	Cross-section No. 10 - T-Rectangle 50/200				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO9	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12082	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
12083	Cross-section No. 10 - T-Rectangle 50/200				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12084	Cross-section No. 10 - T-Rectangle 50/200						
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	CO5	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.500	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis		
12085	Cross-section No. 10 - T-Rectangle 50/200						
	1.000	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC10	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	12086	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO2	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.500	CO5	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO5	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC10	0.01	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.500	CO5	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	12087	Cross-section No. 10 - T-Rectangle 50/200					
		0.479	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.958		CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000		CO11	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000		CO8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000		CO3	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO11	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
12090		Cross-section No. 10 - T-Rectangle 50/200					
		0.960	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.480	RC10	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.960	CO11	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.960	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.960	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.480	CO2	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.960	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.960	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	
	12091	Cross-section No. 10 - T-Rectangle 50/200					
	0.300	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	12092	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO6	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12093	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12094	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO12	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12095	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12096	Cross-section No. 10 - T-Rectangle 50/200				
	0.479	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	CO5	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12222	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12223	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12224	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12225	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12226	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
12227	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
12228	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
12229	Cross-section No. 10 - T-Rectangle 50/200				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12230	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12231	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12232	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12233	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12234	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12235	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12236	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12237	Cross-section No. 10 - T-Rectangle 50/200				
	0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12238	Cross-section No. 10 - T-Rectangle 50/200				
0.300	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12278	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO8	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO11	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.07	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO9	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO5	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO9	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.03	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12279	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO11	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO11	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO11	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO9	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12280	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO9	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12281	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO12	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO12	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO9	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO3	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12282	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO6	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.500	CO12	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO9	0.01 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12283	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO5	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.02 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12284	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12285	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.01 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12286	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO3	0.01	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12332	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12333	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.06	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12334	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
12335	1.500	RC10	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO4	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
12336	0.000	CO4	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
12337	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO4	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
12338	0.000	RC10	0.08	≤ 1	162)	Cross-section resistance - Biaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.500	CO2	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
12339	1.500	RC10	0.04	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO6	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	Cross-section No. 10 - T-Rectangle 50/200					
	1.125	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.750	CO3	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	CO9	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500	CO9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.750	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.500	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.750	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.500	RC10	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12340	Cross-section No. 10 - T-Rectangle 50/200					
	0.479	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO9	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	RC10	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12341	Cross-section No. 10 - T-Rectangle 50/200					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO1	0.00	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
12468	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO12	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO9	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO9	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.05	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12469	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO9	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.11	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	RC10	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO9	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.14	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

Project: Model: Oikia Paidwn_phase 2_R11 Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO11	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12470	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO9	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO9	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12471	Cross-section No. 10 - T-Rectangle 50/200				
	1.000	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.000	RC10	0.01 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO4	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO3	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.03 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12472	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO11	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO9	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.04	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO5	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.11	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO9	0.02	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12473	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO12	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	CO12	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO6	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO12	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12474	Cross-section No. 10 - T-Rectangle 50/200					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO12	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO5	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO11	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.500	CO5	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO11	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO12	0.01	≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12475	Cross-section No. 10 - T-Rectangle 50/200					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO4	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO9	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO9	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.07 ≤ 1	163)	tension acc. to 6.2.3
	0.500	RC10	0.00 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO12	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO5	0.06 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.01 ≤ 1	311)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	323)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	0.000	CO12	0.05 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO6	0.07 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	341)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
					Flexural member with compression force acc. to 6.3.3 - Bending about y-axis
12476	Cross-section No. 10 - T-Rectangle 50/200				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO5	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	CO3	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO5	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO12	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO6	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	311)	Flexural member without compression force acc. to 6.3.3 - Bending about y-axis
	1.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO12	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	341)	Flexural member with compression force acc. to 6.3.3 - Bending about y-axis

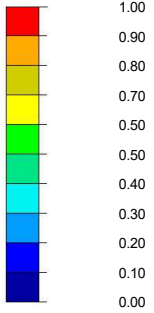
DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA2

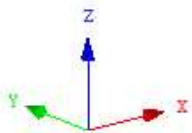
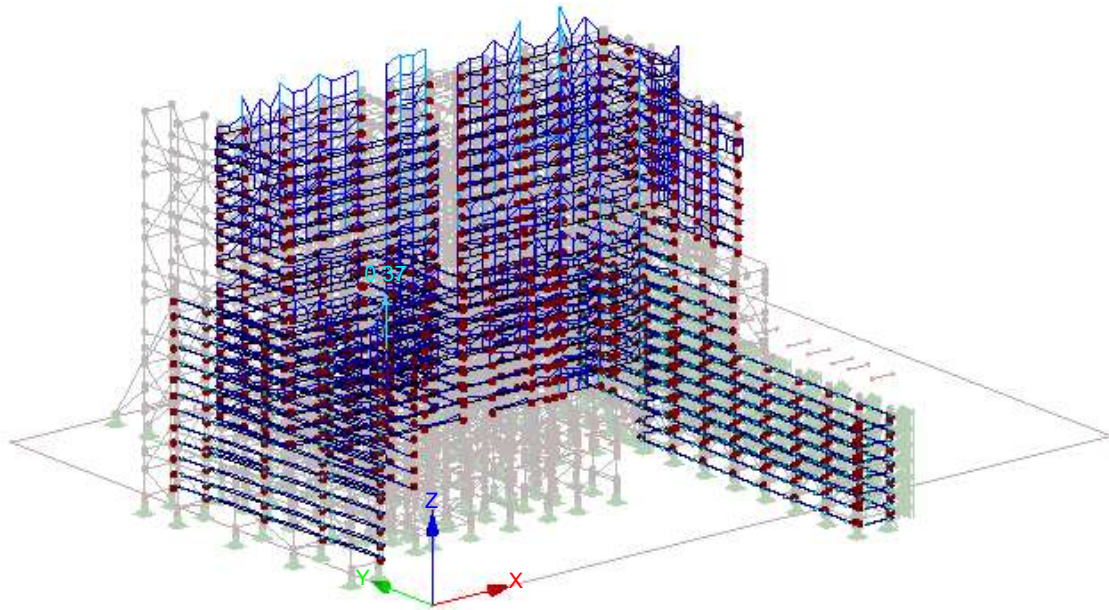
Ultimate Limit State - Cross-Section Design

Isometric

Max
Design Ratio [-]



Max : 0.37
Min : 0.00



Max Design Ratio: 0.37

RF-TIMBER Pro
CA3
floor beams

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

1.1.1 GENERAL DATA

Members to design:	3944-3951,4190-4195,4218-4233,4245-4260,4304-4308,4310-4312,4344,4345,4381-4385,4387-4389,4421,4422,4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4873-4880,4882-4889,4891-4900,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190-5197,5199,5200,5202-5204,5206-5211,6622-6677,6694,6695,6700,6701,6880,6937,6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521,7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,7610-7614,7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755,7769-7772,7774-7778,7789,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057,8087,8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023,9354-9356,9375-9382,9403,9637,9980,10001-10009,10728,10732,10733,10822,11060,11061,11065,11066,11069-11072,11076,11077,11080,11081
Design according to Standard:	EN 1995-1-1:2004/A2:2014
Ultimate Limit State Design Result combinations to design:	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10 RC10 seismos y-
Serviceability Limit State Design Result combinations to design:	RC2 SLS - Characteristic RC3 SLS - Frequent RC4 SLS - Quasi-permanent

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
3944	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
3945	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
3946	0.750	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO4	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO4	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
1.500	CO3	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
3947	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	CO4	0.06	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO9	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	CO4	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	CO5	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	CO3	0.31	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	RC10	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	CO3	0.32	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.750	CO17	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.375	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
3948	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.20	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.34	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.13	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.33	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3949	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO3	0.12	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	CO10	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO11	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	CO10	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO11	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3950	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.33	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO11	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO11	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
3951	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.03	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.375	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4190	Cross-section No. 7 - T-Rectangle 75/75				
	0.384	CO8	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4191	Cross-section No. 7 - T-Rectangle 75/75				
	1.152	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.04 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.768	RC10	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.768	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.768	RC10	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4192	Cross-section No. 7 - T-Rectangle 75/75				
	0.384	CO12	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.02 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.152	RC10	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.384	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4193	Cross-section No. 7 - T-Rectangle 75/75				
	0.384	CO2	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.384	RC10	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.152	CO9	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.768	CO16	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.768	CO28	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.384	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.768	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4194	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4195	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO6	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO9	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	CO2	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO11	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	CO3	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO16	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4218	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	CO12	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO2	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	CO6	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	CO3	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	CO6	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	CO3	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
4219	Cross-section No. 7 - T-Rectangle 75/75				
	0.629	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.629	CO3	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO1	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.629	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.315	CO5	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.629	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO5	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.315	CO5	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4220	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO8	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO6	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO6	0.07 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4221	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.125	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO6	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO6	0.09 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4222	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO5	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO6	0.06 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO5	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO6	0.06 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4223	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.20 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO4	0.27 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.83 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.82 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.83 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4224	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO5	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4225	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO2	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.43 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO5	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO5	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4226	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO6	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO6	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4227	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.30	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4228	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO3	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.34	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO4	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.13	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.375	CO4	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4229	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO4	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO4	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO4	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO4	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO18	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4230	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.17 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO5	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.75 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4231	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO16	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO28	0.01 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4232	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO2	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.28 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.39 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO6	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC10	0.25 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC10	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO6	0.06 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.27 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4233	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO11	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4245	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO6	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO8	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO11	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO28	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4246	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO5	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO9	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO4	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.315	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC10	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC10	0.11 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO25	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4247	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO9	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.04 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4248	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO9	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO8	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO5	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO5	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4249	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO11	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO11	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4250	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	CO1	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.18 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO7	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC10	0.34 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO1	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.76 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	CO16	0.03	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.750	CO28	0.01	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4251	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO9	0.12	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO5	0.08	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.14	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO5	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4252	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO3	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO2	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	RC10	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO11	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.400	RC10	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC10	0.40	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO11	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.400	RC10	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4253	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO8	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO2	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4254	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO12	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4255	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.35 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
4256	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO6	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	CO3	0.31 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.000	CO2	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.500	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.500	RC10	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.500	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4257	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.125	RC10	0.05 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.125	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.125	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	RC10	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO12	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO2	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.125	RC10	0.68 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.125	RC10	0.71 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.125	RC10	0.63 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
	1.125	RC10	0.66 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.125	RC10	0.66 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
	1.125	RC10	0.69 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.375	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.375	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.750	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	4258	Cross-section No. 7 - T-Rectangle 75/75				
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
		1.125	RC10	0.08 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
		1.125	RC10	0.04 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.125		RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.125		RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
1.500		CO2	0.21 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		CO4	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000		CO2	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
1.125		RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4		

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.125	RC10	0.11	≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4259	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO3	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.16	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.38	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.37	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.800	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.800	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4260	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.08	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4304	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.03	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
4305	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO12	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.02	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4306	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	CO2	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC10	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.38	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.21	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	RC10	0.13	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC10	0.40	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC10	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.400	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4307	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO2	0.06	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.20	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	RC10	0.00 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.20 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4308	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.17 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.18 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4310	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	CO2	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	RC10	0.17 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC10	0.16 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC10	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC10	0.17 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4311	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO11	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO7	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO12	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO5	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4312	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4344	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO5	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.479	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4345	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.479	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO2	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4381	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4382	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO6	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4383	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO8	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.200	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	CO9	0.07	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.800	RC10	0.12	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.39	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	RC10	0.11	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.37	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	RC10	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.39	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4384	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO5	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO6	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.09	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.25	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.00	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4385	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.04	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4387	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.21 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.800	RC10	0.13 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.42 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	RC10	0.12 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	RC10	0.41 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	RC10	0.12 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4388	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO3	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC10	0.19 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.18 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.19 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4389	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.10 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4421	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO3	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4422	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO5	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO3	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.479	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.958	CO3	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4426	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO5	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4427	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4428	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4429	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO4	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	0.480	CO29	0.00	≤ 1	407)		
4430	Cross-section No. 7 - T-Rectangle 75/75						
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.000	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.000	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	CO2	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	RC10	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	1.000	CO8	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
	1.500	RC10	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.000	CO8	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
	1.500	RC10	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	4431	Cross-section No. 7 - T-Rectangle 75/75					
		1.125	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
1.500		CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.750		RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.500		CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.750		RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		CO2	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.750		CO6	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.375		RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.500		RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.375		RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
1.500		CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.375		RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
1.500		CO3	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.750		CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750		CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.125	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
1.125	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
4432	Cross-section No. 7 - T-Rectangle 75/75						
	0.300	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	CO4	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.300	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.300	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.300	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.300	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	4433	Cross-section No. 7 - T-Rectangle 75/75					
0.480		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4434	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4435	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
4437	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC10	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	CO10	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC10	0.06 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.15 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC10	0.06 ≤ 1	172	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC10	0.06 ≤ 1	328	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.125	CO27	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4438	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO3	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.04 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	RC10	0.05 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.16 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.10 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.27 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.11 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.28 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO28	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4440	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.05 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.19 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and c

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	RC10	0.02	≤ 1	172)	compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.03	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.07	≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4441	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.26	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4443	Cross-section No. 12 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Buckling about both axes
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4444	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.04 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO8	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4446	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.479	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4447	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.479	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4450	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO9	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.07	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.06	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.07	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4451	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO9	0.09	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO9	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4873	Cross-section No. 7 - T-Rectangle 75/75					
	0.629	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.07	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO1	0.00	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	CO3	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO8	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.629	CO8	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO12	0.08	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.315	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO12	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4874	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4875	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO2	0.12 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO2	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.03 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO3	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4876	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO2	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO3	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.04 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO3	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4877	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	CO5	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.89 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO5	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.81 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO5	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.86 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4878	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.06 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.20 ≤ 1	163)	tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.000	RC10	0.08 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.02 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.39 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4879	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO3	0.13 ≤ 1	111)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO2	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	CO10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.43 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.39 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.42 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4880	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.02 ≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO5	0.04 ≤ 1	323)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.09 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO14	0.09 ≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
4882	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.315	CO12	0.01	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.315	RC10	0.00	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO9	0.11	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.07	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO4	0.02	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.08	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO10	0.08	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC10	0.13	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	CO12	0.01	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.30	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC10	0.13	≤ 1	171) Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.315	RC10	0.00	≤ 1	172) Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.16	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.315	RC10	0.00	≤ 1	303) Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.629	RC10	0.13	≤ 1	323) Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	RC10	0.01	≤ 1	328) Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.16	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations	
0.315	CO14	0.01	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.315	CO26	0.00	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.315	CO15	0.00	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.315	CO27	0.00	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4883	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO7	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.01	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112) Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.00	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.35	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.01	≤ 1	161) Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	162) Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.16	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.22	≤ 1	171) Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	CO4	0.00	≤ 1	172) Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	173) Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.01	≤ 1	303) Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.23	≤ 1	323) Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01	≤ 1	328) Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24	≤ 1	333) Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000	CO13	0.00	≤ 1	400) Serviceability - Negligible deformations	
0.750	CO14	0.08	≤ 1	401) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750	CO26	0.02	≤ 1	402) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.125	CO17	0.02	≤ 1	406) Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.125	CO29	0.00	≤ 1	407) Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4884	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101) Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO10	0.01	≤ 1	102) Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO12	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO8	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4885	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO12	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4886	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.07 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC10	0.03 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.16 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO2	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO7	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.375	RC10	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO3	0.08 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC10	0.20 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.71 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO9	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.375	RC10	0.23	≤ 1	328)	about both axes
	1.125	RC10	0.76	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	CO15	0.04	≤ 1	401)	Serviceability - Negligible deformations
	0.375	CO27	0.01	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4887	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.07	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.04	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.12	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO3	0.12	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.17	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4888	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	CO11	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.42	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.02	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.38	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4889	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.08 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4891	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.500	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4892	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4893	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
4894	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.30	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4895	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO9	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4896	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO2	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.27	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
4897	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.02	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.07	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4898	Cross-section No. 12 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.22	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.23	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4899	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
4900	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO3	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5032	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5033	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5038	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.271	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.271	CO2	0.26 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.271	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.271	CO5	0.53 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.271	CO1	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.271	CO4	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.271	CO2	0.32 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.271	CO2	0.32 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.135	CO16	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.135	CO28	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.135	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.135	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5037	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	CO2	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.51 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.331	CO4	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	CO2	0.31 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.331	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.331	CO2	0.31 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.331	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5088	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.52 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO1	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.331	CO4	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	CO2	0.29 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.331	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.331	CO2	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.331	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5089	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.331	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO4	0.52 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.331	CO8	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.165	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.331	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.331	CO2	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.331	CO3	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.331	CO2	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.331	CO3	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5111	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.540	CO2	0.21 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.270	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.270	CO11	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.540	CO8	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.540	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.540	CO2	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.540	CO2	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO17	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	5112	Cross-section No. 7 - T-Rectangle 75/75			
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.270	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.540	CO2	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.270	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.270	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO12	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.270	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.270	CO6	0.06 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.270	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	CO11	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.540	CO2	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.540	CO2	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.270	CO17	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.270	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.270	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.270	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5113	Cross-section No. 7 - T-Rectangle 75/75				
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.540	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.540	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.540	CO2	0.18 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.270	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.270	RC10	0.15 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000	CO4	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	CO12	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.540	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.540	RC10	0.09 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4	
0.540	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.540	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes	
0.540	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.270	CO18	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.270	CO30	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.270	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.270	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
5179	Cross-section No. 7 - T-Rectangle 75/75				
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	
0.331	CO2	0.17 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.331	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.331	CO5	0.51 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.331	CO1	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.331	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.331	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
0.331	CO2	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	CO2	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
0.331	CO2	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.165	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.165	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.165	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5180	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO5	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO5	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5181	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO12	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.22 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5182	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.11 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.57 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.56 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	RC10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.56 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5183	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO4	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5184	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO12	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO6	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO17	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5186	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	CO4	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.49 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC10	0.44 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.47 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5187	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	CO6	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO11	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO6	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO11	0.02 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO6	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5188	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5190	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5191	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5192	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO5	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.25 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5193	Cross-section No. 7 - T-Rectangle 75/75				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.08 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.45 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5194	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5195	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.44 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5196	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.04 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.80 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO10	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.76 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5197	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO8	0.21 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.35 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.36 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5199	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.02 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.22 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.78 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.87 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.83 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO11	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.85 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5200	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO4	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.70 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.67 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.70 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5202	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO8	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO2	0.05 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.200	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.66 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.65 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.66 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5203	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	RC10	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO2	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	RC10	0.43 ≤ 1	163)	tension acc. to 6.2.3
	0.480	RC10	0.00 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.42 ≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.42 ≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Negligible deformations
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5204	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.36 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.37 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5206	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.10 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.11 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5207	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.03 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.26 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5208	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.07 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5209	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.26 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.37 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5210	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.09 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.10 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
5211	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.35 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6622	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.17 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6623	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6624	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	RC10	0.04	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.13	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6625	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO8	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6626	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.33	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6627	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6628	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO2	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6629 Cross-section No. 12 - T-Rectangle 75/75					
1.125	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.750	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.125	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.125	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.750	CO3	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000	CO3	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.750	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6630 Cross-section No. 12 - T-Rectangle 75/75					
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.479	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.958	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.479	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.958	CO3	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.479	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000	CO5	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6631 Cross-section No. 7 - T-Rectangle 75/75					
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
0.000	RC10	0.28 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	RC10	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000	CO12	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
0.000	CO2	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6632 Cross-section No. 12 - T-Rectangle 75/75					
0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.26 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO8	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6633	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6634	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6635	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.24 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6636	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.500	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6637	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6638	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.26 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6639	Cross-section No. 12 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6640	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6641	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.18 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6642	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.17	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.33	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.04	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO9	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6643	Cross-section No. 7 - T-Rectangle 75/75					
	0.300	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6644	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6645	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.10	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6646	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO6	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6647	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.26 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6648	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.25 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6649	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6650	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO2	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.958	CO3	0.21 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO6	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6651	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO6	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO9	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO9	0.15 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6652	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.33 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6653	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6654	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.03	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6655	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.32	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6656	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO8	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.35	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6657	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.12	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
6658	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.25	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6659	Cross-section No. 12 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO2	0.13	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO12	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6660	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	CO6	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	CO6	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO6	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6661	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.30	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO6	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6662	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.18 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.19 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6663	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6664	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6665	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6666	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.06	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.35	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.05	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6667	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.27	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6668	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO12	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.26	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6669	Cross-section No. 12 - T-Rectangle 75/75					
	1.125	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.03 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.10 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO2	0.13 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6670	Cross-section No. 12 - T-Rectangle 75/75				
	0.479	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6671	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.32 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO6	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6672	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO2	0.28 ≤ 1	153)	6.1.6 Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6673	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.300	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.300	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.300	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.300	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6674	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.12 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6675	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO17	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6676	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.27	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.03	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.35	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.02	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.36	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6677	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.14	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6694	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.05 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6695	Cross-section No. 12 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.375	RC10	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.375	RC10	0.07 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6700	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.479	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO2	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.958	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.479	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.958	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6701	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.24 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.24 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.24 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6880	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO5	0.08 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO5	0.08 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6937	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO4	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO2	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
6970	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description		
7003	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	0.480	CO28	0.00 ≤ 1	407)			
	Cross-section No. 12 - T-Rectangle 75/75						
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	0.960	CO3	0.11 ≤ 1	111)			
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7		
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	0.960	CO2	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	0.000	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
7032	Cross-section No. 12 - T-Rectangle 75/75						
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7		
	0.960	CO3	0.11 ≤ 1	111)			
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7		
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	0.480	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	0.000	CO10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	0.960	CO3	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	7041	Cross-section No. 12 - T-Rectangle 75/75					
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.960		CO3	0.11 ≤ 1	111)			
0.000		CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7		
0.480		RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
0.960		CO2	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
0.000		CO10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
0.960		CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
0.000		CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
0.480		CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
0.480		CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
0.480		CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
0.480		CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
7144		Cross-section No. 12 - T-Rectangle 75/75					
		0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.960	CO3	0.11 ≤ 1	111)			
	0.000	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7		
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8		
	0.960	CO2	0.18 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6		
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6		
	0.960	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6		
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations		
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction		
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction		
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction		
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
	7243	Cross-section No. 12 - T-Rectangle 75/75					
		0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
0.960		CO3	0.11 ≤ 1	111)			
0.000	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7			

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	RC10	0.01 ≤ 1	121)	6.1.7
	0.960	CO2	0.17 ≤ 1	151)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO9	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
					Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7267	Cross-section No. 12 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
					Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
					Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.480	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
					Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7277	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
					Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
					Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO2	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
					Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO3	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7482	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
					Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	CO10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
					Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
					Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.06 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
					Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
					Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
					Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
					Serviceability - Negligible deformations
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7483	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO2	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.800	CO6	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO2	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO6	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7484	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO8	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.02 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.480	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7485	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.16 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.13 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO2	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.28 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7486	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO2	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO4	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO4	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7488	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	RC10	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7489	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO5	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO5	0.04 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7490	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO4	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO4	0.05 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO4	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO4	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7491	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.16 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7492	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO6	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO6	0.03 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.200	CO6	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7493	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	RC10	0.00 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO4	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO11	0.07 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO11	0.08 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7494	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO4	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.27 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.27 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO8	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO8	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7495	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.07 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO4	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.20 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO11	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO11	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7497	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7498	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7499	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO11	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.22 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7500	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO11	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7501	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO8	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO11	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.200	CO3	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO11	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7502	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	CO9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7503	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.15	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.27	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7504	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.960	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO4	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.20	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7507	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7509	Cross-section No. 12 - T-Rectangle 75/75					
	0.500	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6

Project:

Model: Oikia Paidwn_phase 2_R11

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7511	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7513	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7515	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO11	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO8	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO11	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO11	0.10 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7517	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

Project:

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.18 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7519	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO4	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7521	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO4	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO5	0.25 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.22 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7525	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.26 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.12 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.13 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7526	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7527	Cross-section No. 12 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7528	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.13 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7529	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO8	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO8	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7530	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.16 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7531	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.30 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.25 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO4	0.31 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7532	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.480	CO3	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO11	0.27 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO10	0.28 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO4	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO11	0.24 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.29 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7534	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO2	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO2	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7535	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.21 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.05 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7536	Cross-section No. 12 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7537	Cross-section No. 12 - T-Rectangle 75/75			
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO3	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO10	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7538	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO3	0.19 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO3	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO12	0.01 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO3	0.14 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO12	0.01 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7539	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO9	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.20 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO9	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
span, y-direction						
7540	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces	
	0.000	CO10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	1.500	CO3	0.15 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	CO5	0.06 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.500	CO3	0.30 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.500	RC10	0.28 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO5	0.34 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.000	CO2	0.09 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	1.500	RC10	0.28 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	CO4	0.31 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
	0.500	CO14	0.11 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO26	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.04 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.01 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7541	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces	
	0.480	CO4	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO2	0.11 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.960	CO11	0.08 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.480	RC10	0.01 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.960	CO9	0.03 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.960	CO5	0.29 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.480	CO5	0.02 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.960	CO4	0.30 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
	0.480	CO15	0.03 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.480	CO27	0.01 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.480	CO15	0.00 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.480	CO27	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	7543	Cross-section No. 12 - T-Rectangle 75/75				
		0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
0.500		CO3	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2	
0.000		CO2	0.14 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.500		CO5	0.02 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO2	0.26 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		CO4	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		CO3	0.15 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.500		CO3	0.11 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		CO3	0.23 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
1.000		CO14	0.12 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
1.000		CO26	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.500		CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500		CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7544		Cross-section No. 12 - T-Rectangle 75/75				
	0.500	CO1	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces	
	1.500	CO3	0.14 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.02 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	1.000	RC10	0.02 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO8	0.23 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	RC10	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO3	0.29 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO11	0.06 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations	
	0.500	CO15	0.06 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7545	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	7546	0.750	CO26	0.03 ≤ 1	402)
1.125		CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.125		CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
Cross-section No. 12 - T-Rectangle 75/75					
0.000		RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
1.500		CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
1.500		CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000		RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
1.500		CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
1.500		RC10	0.08 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
1.500		CO3	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
1.500		CO2	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
7547		1.500	CO3	0.26 ≤ 1	323)
	1.500	CO9	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO11	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.200	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
0.000	CO2	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.800	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
1.200	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000	CO3	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4	
1.200	CO5	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
0.000	CO3	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes	
1.200	CO5	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.400	CO16	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7548	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO11	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO5	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.18	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.20	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO6	0.07	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.20	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO6	0.07	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7549	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO6	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.28	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO1	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO5	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.11	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.500	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7550	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO12	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.19	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO4	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
7552	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7553	Cross-section No. 12 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO12	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.24	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	CO9	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7554	Cross-section No. 12 - T-Rectangle 75/75				
1.125		CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.750		RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.750		CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
1.500		CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		CO10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
1.500		CO2	0.22	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.500		RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		CO3	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.750		RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
1.500		RC10	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.750		CO3	0.13	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
1.500		CO3	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.750		CO3	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
1.500		CO3	0.26	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.750	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7555	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.500	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.16 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7556	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.400	CO3	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.400	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO5	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO5	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7557	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO1	0.03 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO5	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO11	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO11	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7558	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.08 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.31 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.13 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description	
	0.000	CO1	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	1.500	CO5	0.37	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 7 - T-Rectangle 75/75						
7559	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO6	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.960	CO5	0.08	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.480	CO9	0.04	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.960	CO6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.960	RC10	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.480	CO2	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.000	CO6	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3	
	0.960	CO4	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	0.480	CO14	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.480	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.480	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 12 - T-Rectangle 75/75							
7561	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.500	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.000	CO2	0.26	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	1.000	CO5	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.500	CO3	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO3	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	Cross-section No. 12 - T-Rectangle 75/75						
	7562	1.125	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
		0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
1.500		CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
1.500		CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
0.000		RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
0.000		CO2	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
1.500		RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
1.500		CO3	0.29	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
0.000		CO11	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
0.000		CO6	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations	
0.750		CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
0.750		CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
0.750		CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.750		CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
Cross-section No. 12 - T-Rectangle 75/75							
7563	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.000	CO10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	

Project:

Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.02 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.22 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7564	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7565	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.12 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO2	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO3	0.04 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO5	0.14 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO3	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO5	0.14 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7566	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO6	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO2	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO3	0.21 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Model: Oikia Paidwn_phase 2_R11

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7567	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO3	0.12 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.29 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.33 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7568	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.20 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO1	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	CO4	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.30 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7570	Cross-section No. 12 - T-Rectangle 75/75				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	CO2	0.17 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.27 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO2	0.17 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7571	Cross-section No. 12 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.125	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	CO3	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	CO3	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7572	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.10 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO4	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7573	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.16 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.05 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7574	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.400	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.200	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO2	0.06 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	RC10	0.03 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7575	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO2	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO9	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7576	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.20 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO5	0.34 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7577	Cross-section No. 7 - T-Rectangle 75/75				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO4	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.480	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.19 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO5	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	RC10	0.00 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	RC10	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	RC10	0.01 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
7579	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.15 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7580	Cross-section No. 12 - T-Rectangle 75/75				
	0.750	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	CO9	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.125	CO9	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.125	CO9	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7581	Cross-section No. 12 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO5	0.02 ≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7590	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.480	CO2	0.04 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	CO4	0.00 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7591	Cross-section No. 12 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.26 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.26 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7592	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.200	CO5	0.03	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.03	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.800	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO1	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	CO5	0.23	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO3	0.19	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO3	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7593	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO8	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO8	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO5	0.36	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.480	CO9	0.01	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.480	CO9	0.01	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.03	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO17	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO29	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7594	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	CO3	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.21	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	CO5	0.40	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.11	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7595	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO5	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO5	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO2	0.20	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO9	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO3	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.960	CO5	0.20	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	CO4	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	RC10	0.12	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.16	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.12	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	RC10	0.16	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO30	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7597	Cross-section No. 12 - T-Rectangle 75/75					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO4	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO4	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7598	Cross-section No. 12 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO9	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.00	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO9	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO9	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7599	Cross-section No. 12 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.00 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7610	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7611	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7612	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.43 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC10	0.14 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.48 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO2	0.12 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC10	0.47 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO2	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.48 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7613	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO4	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.960	CO3	0.15 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.16 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7614	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	
7616	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7617	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.00	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7618	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.03	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
7619	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
	0.500	CO29	0.00 ≤ 1	407)		
	Cross-section No. 7 - T-Rectangle 75/75					
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.958	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.479	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO3	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.958	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7620	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.500	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.000	CO10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.000	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.500	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7621	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.800	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.800	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	1.200	RC10	0.46 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	1.200	RC10	0.46 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO2	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4	
	0.000	CO2	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction	
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction	
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction		
7622	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces	
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2	
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7	
	0.480	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7	
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	
	0.960	CO3	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6	
	0.480	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6	
	0.960	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6	
	0.480	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3	
	0.960	RC10	0.17 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3	
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations	
0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s		

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.480	CO26	0.00	≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.480	CO14	0.00	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.480	CO26	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7623	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.21	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7625	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.08	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.26	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.27	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7626	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.07	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.08	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7627	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.27	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.23	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7661	Cross-section No. 7 - T-Rectangle 75/75				
0.000		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.958		CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.958		CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000		RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.479		CO3	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
0.000		CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.958		CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
0.479		CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
0.479		CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
0.479		CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.479		CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7662		Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.24	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7663	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.14 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.47 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC10	0.15 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.47 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO3	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7664	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	CO12	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7665	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7667	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7668	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7669	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO17	0.01	≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7670	Cross-section No. 7 - T-Rectangle 75/75					
	0.479	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.958	CO2	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7671	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.30	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7672	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.44	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.46	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	7673	Cross-section No. 7 - T-Rectangle 75/75				
0.480		CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.480		RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
0.480		RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
0.960		CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.480		RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8	

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.18 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	RC10	0.15 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.960	RC10	0.19 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	RC10	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.960	CO3	0.19 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7674	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7676	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7677	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7678	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7701	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7702	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO3	0.31	≤ 1	333)	about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Negligible deformations
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7703	Cross-section No. 7 - T-Rectangle 75/75					
	0.800	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.15	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.46	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.46	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO3	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.22	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7704	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.16	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7705	Cross-section No. 7 - T-Rectangle 75/75					
	1.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.19	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.11	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.19	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.11	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7707	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.11 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7708	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.23 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7709	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.22 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.07 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.09 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7710	Cross-section No. 7 - T-Rectangle 75/75				
	0.479	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.958	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.958	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.479	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.479	CO3	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.958	CO2	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.958	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.958	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.479	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.479	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.479	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.479	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7711	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.10 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.11 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7712	Cross-section No. 7 - T-Rectangle 75/75				
	0.800	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.10 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.31 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.44 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.31 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.200	RC10	0.44 ≤ 1	163)	tension acc. to 6.2.3
	0.800	CO2	0.05 ≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO5	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.28 ≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.800	CO2	0.06 ≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO5	0.06 ≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.28 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Negligible deformations
	0.800	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
					Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7713	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.960	CO11	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.480	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.20 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.20 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7714	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7716	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7717	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.25 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.07 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.08 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.32 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.06 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7718	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.08 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7719	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7720	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	RC10	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.36 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC10	0.06 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7721	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO9	0.15 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	CO10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.24 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7722	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7724	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.21 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7725	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.36 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO15	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7726	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO5	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
					6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7727	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7747	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.19 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.29 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7748	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.36 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.37 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO2	0.21	≤ 1	333)	6.2.4 Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7749	Cross-section No. 7 - T-Rectangle 75/75					
	0.480	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	CO5	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.14	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.21	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.11	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7750	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7752	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.19	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.19	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO11	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO27	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7753	Cross-section No. 7 - T-Rectangle 75/75					
	0.400	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.29	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.37	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	CO2	0.05	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.25	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7754	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.06	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.22	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	RC10	0.22	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.22	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7755	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.19	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.19	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.20	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.32	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.33	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7769	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO2	0.23 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7770	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.21 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.21 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7771	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO6	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.960	CO2	0.14 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.18 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.960	RC10	0.19 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7772	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.10 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO2	0.10 ≤ 1	323)	6.2.4 Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7774	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.03 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO3	0.29 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.14 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7775	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.35 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.26 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.800	CO2	0.05 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.800	CO2	0.05 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.800	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.800	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7776	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO3	0.09 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.960	RC10	0.17 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.960	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.960	RC10	0.17	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.960	CO3	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.960	CO3	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO14	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO14	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7777	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO11	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7778	Cross-section No. 7 - T-Rectangle 75/75					
	1.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO6	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7789	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO6	0.11	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.03	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	CO6	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	CO3	0.31	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.02	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.12	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.03	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.13	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	CO26	0.02 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	1.000	CO15	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO27	0.01 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7797	Cross-section No. 7 - T-Rectangle 75/75				
	0.629	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO9	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.315	CO2	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO9	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC10	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO12	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.315	CO26	0.00 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	0.315	CO18	0.00 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.315	CO30	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7814	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO12	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO26	0.03 ≤ 1	402)	span, z-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner
	1.000	CO17	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	1.000	CO29	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7815	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and t

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.750	RC10	0.01	≤ 1	162)	tension acc. to 6.2.3
	0.000	CO12	0.07	≤ 1	163)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.23	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO4	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.30	≤ 1	173)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.01	≤ 1	303)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24	≤ 1	323)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.375	CO4	0.01	≤ 1	328)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.31	≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Negligible deformations
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.02	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
						Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7816	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7843	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.375	CO8	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.26	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC10	0.74	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.74	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.74	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.74	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
7844	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.10 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction	
1.000	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
7874	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.400	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.37 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.38 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.800	RC10	0.12 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7891	Cross-section No. 7 - T-Rectangle 75/75				
	0.480	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.960	CO8	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.960	CO8	0.14 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
0.960	CO8	0.15 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling a	

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO3	0.27	≤ 1	333)	about both axes Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.06	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7892	Cross-section No. 7 - T-Rectangle 75/75					
	0.165	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
7893	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.270	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO8	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.540	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.270	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO4	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.540	RC10	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.270	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.540	RC10	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO8	0.14	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.540	CO3	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO8	0.15	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.540	CO3	0.19	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7969	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.10	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.33	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.33	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.16	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.05	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7970	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO6	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.125	RC10	0.04 ≤ 1	121)	6.1.7 Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO6	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.22 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.04 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7971	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.05 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.09 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.16 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7979	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO3	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC10	0.04 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO5	0.02 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.09 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.03 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	CO3	0.23 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
7980	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.12 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO5	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.32 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8010	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO3	0.07 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.06 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.629	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.09 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8027	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO5	0.08 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.500	CO6	0.02 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8028	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.11 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO9	0.27 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO12	0.00 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO12	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO2	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8029	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO5	0.02	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO8	0.08	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.24	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.09	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	CO2	0.08	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.09	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8056	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.125	CO4	0.25	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC10	0.31	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.62	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.73	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.62	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.73	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.62	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.73	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8057	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO11	0.03	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.19	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.09	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.23	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.20	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8087	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO2	0.19 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.38 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	RC10	0.37 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	RC10	0.38 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8104	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.07 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8105	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.03 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description	
8106	Cross-section No. 7 - T-Rectangle 75/75					
	0.165	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8114	Cross-section No. 7 - T-Rectangle 75/75					
	0.165	CO11	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO11	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8115	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.540	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.270	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.540	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.540	RC10	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.540	RC10	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.04	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8126	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.07	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO2	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO4	0.32	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO5	0.32	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.10	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	RC10	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.10	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.31	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
8143	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.05	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	CO4	0.10	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO16	0.04	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO28	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	8144	Cross-section No. 7 - T-Rectangle 75/75				
0.000		RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
0.000		CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
0.000		RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
1.000		RC10	0.05	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
0.000		CO2	0.23	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
1.000		RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
0.000		CO3	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
0.000		CO11	0.08	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
0.000		CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
1.000		CO15	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
1.000		CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
1.000		CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
8145	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.125	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.750	RC10	0.04	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	CO5	0.10	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.15	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.08	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	CO3	0.24	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO17	0.02	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8153	Cross-section No. 7 - T-Rectangle 75/75					
	0.629	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.629	CO3	0.08	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.11	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO9	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.06	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.15	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.629	RC10	0.14	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.28	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.629	RC10	0.13	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and c

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.17 ≤ 1	173)	compression acc. to 6.2.4
	0.629	RC10	0.14 ≤ 1	328)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC10	0.17 ≤ 1	333)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.315	CO14	0.02 ≤ 1	401)	Serviceability - Negligible deformations
	0.315	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8154	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	CO11	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.05 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO3	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.07 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.07 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.315	CO11	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.315	RC10	0.00 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.12 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO14	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8165	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO5	0.07 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	RC10	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.25 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8182	Cross-section No. 7 - T-Rectangle 75/75				
	1.125	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO5	0.02	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.750	CO3	0.11	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO3	0.26	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.750	CO11	0.01	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.750	RC10	0.00	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO2	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.23	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.750	RC10	0.01	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.24	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8183	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.000	CO3	0.09	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.22	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO6	0.02	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.07	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO2	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.05	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.20	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8184	Cross-section No. 7 - T-Rectangle 75/75					
	0.750	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	RC10	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.10	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.18	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.16	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO4	0.24	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.65	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC10	0.17	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.125	RC10	0.73 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC10	0.16 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.73 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC10	0.16 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.73 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.375	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.375	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8192	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO5	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO3	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.01 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	RC10	0.01 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.22 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8193	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.08 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.17 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.800	RC10	0.11 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.36 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.400	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.36 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.200	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.200	CO3	0.23 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8223	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.480	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.480	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.480	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.13	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.480	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.13	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.23	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.24	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.23	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.25	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.480	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.480	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.480	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.480	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8240	Cross-section No. 7 - T-Rectangle 75/75					
	0.315	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.06	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.03	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.03	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO26	0.01	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
8241	Cross-section No. 7 - T-Rectangle 75/75					
	0.165	CO4	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO4	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8242	Cross-section No. 7 - T-Rectangle 75/75					
	0.165	CO5	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.331	CO2	0.06	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.331	CO5	0.01	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.331	CO3	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.331	CO5	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.165	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.165	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
8269	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.540	CO3	0.12	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.270	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.270	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.540	RC10	0.14	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.540	RC10	0.15	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.17	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	CO2	0.18 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.270	CO14	0.04 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.270	CO26	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.270	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.270	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9011	Cross-section No. 7 - T-Rectangle 75/75			
	0.315	CO10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.315	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9012	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9013	Cross-section No. 7 - T-Rectangle 75/75				
	0.750	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	CO3	0.11 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO12	0.00 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO3	0.12 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
9014	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO11	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.24 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO4	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO3	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO11	0.01 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO3	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO11	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9015	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO10	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC10	0.65 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.70 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.125	RC10	0.69 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.125	RC10	0.70 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.78 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction	
9016	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.10 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.11 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - B

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.500	CO3	0.25	≤ 1	333)	Buckling about both axes Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO16	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
	9017	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	CO4	0.12	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.41	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.17	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC10	0.41	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.17	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.41	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9018	Cross-section No. 7 - T-Rectangle 75/75					
	0.375	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO11	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.11	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.24	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.22	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.25	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.23	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.15	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.04	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9019	Cross-section No. 7 - T-Rectangle 75/75					
	0.315	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.629	CO3	0.09	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.629	CO3	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.629	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.16	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO17	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.315	CO15	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.315	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
span, y-direction					
9020	Cross-section No. 7 - T-Rectangle 75/75				
	1.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.14 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO11	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.25 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.26 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.26 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.500	CO14	0.09 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.03 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9021	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO9	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO2	0.23 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.750	CO11	0.01 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.23 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.125	RC10	0.01 ≤ 1	162	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.04 ≤ 1	163	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.11 ≤ 1	171	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	CO3	0.26 ≤ 1	173	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	RC10	0.01 ≤ 1	303	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO3	0.11 ≤ 1	323	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27 ≤ 1	333	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400	Serviceability - Negligible deformations
	0.750	CO14	0.08 ≤ 1	401	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02 ≤ 1	402	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.01 ≤ 1	406	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.00 ≤ 1	407	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9022	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.01 ≤ 1	101	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.00 ≤ 1	102	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO4	0.01 ≤ 1	112	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00 ≤ 1	121	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.08 ≤ 1	151	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO5	0.03 ≤ 1	152	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO2	0.24 ≤ 1	153	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO3	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO3	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.00 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9023	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	CO5	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.125	CO4	0.26 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.125	RC10	0.77 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC10	0.11 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.78 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO5	0.06 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	CO3	0.26 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO5	0.06 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	CO3	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9354	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.05 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.09 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.14 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.20 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.08 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.22 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO6	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO2	0.20 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.09 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.10 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO16	0.02 ≤ 1	406)	span, z-direction Serviceability - Design situation Characteristic acc. to 7.2 - Inner
	0.500	CO28	0.00 ≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9355	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.400	CO3	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.800	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO10	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.200	RC10	0.39 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.40 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.17 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	CO3	0.23 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	CO3	0.24 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9356	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.375	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.500	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	CO3	0.06 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.24 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	CO3	0.07 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.25 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.15 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.04 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO14	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO26	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9375	Cross-section No. 7 - T-Rectangle 75/75				
	0.315	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.315	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.629	CO3	0.08 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	CO2	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC10	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.629	CO3	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	RC10	0.04 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.315	CO18	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.315	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.315	CO16	0.00	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
9376	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	RC10	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO2	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.500	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	CO5	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	CO2	0.25	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.500	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	CO2	0.26	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.28	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO14	0.09	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9377	Cross-section No. 7 - T-Rectangle 75/75					
	1.125	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.125	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.125	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.23	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO2	0.23	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.125	RC10	0.01	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.05	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO3	0.11	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO5	0.05	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.26	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO12	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO3	0.13	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO5	0.06	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.27	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.125	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.125	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9378	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.500	CO6	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO5	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
					6.1.7
	1.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.03 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.02 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.05 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO4	0.05 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.24 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.500	RC10	0.04 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	0.000	CO3	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.24 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.04 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.27 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9379	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO1	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.375	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.125	CO3	0.10 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC10	0.19 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO2	0.16 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.375	RC10	0.21 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.375	RC10	0.22 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.125	RC10	0.79 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.375	RC10	0.21 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.125	RC10	0.78 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.375	RC10	0.22 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.125	RC10	0.79 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO18	0.01 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO30	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.750	CO16	0.03 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.750	CO28	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9380	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.500	CO5	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.500	CO3	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	RC10	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.000	RC10	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO2	0.10 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.000	RC10	0.02 ≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	CO3	0.27 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO2	0.11 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.000	RC10	0.02 ≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	CO3	0.30 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.09 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.500	CO27	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO17	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9381	Cross-section No. 7 - T-Rectangle 75/75				
	0.400	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.800	RC10	0.01 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.800	RC10	0.00 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	1.200	CO3	0.11 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.800	RC10	0.09 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.200	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.200	RC10	0.40 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.200	RC10	0.02 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.400	CO10	0.04 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	1.200	RC10	0.41 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.400	CO2	0.03 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	1.200	RC10	0.40 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.400	CO2	0.03 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	1.200	RC10	0.41 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.400	CO15	0.02 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.400	CO27	0.01 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.400	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.400	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9382	Cross-section No. 7 - T-Rectangle 75/75				
	0.375	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.750	RC10	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.750	CO3	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.125	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.13 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.750	RC10	0.01 ≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.16 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.750	CO2	0.15 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.25 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.750	CO6	0.01 ≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.750	CO2	0.17 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO2	0.26 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.750	CO14	0.13 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.750	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.375	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.375	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9403	Cross-section No. 7 - T-Rectangle 75/75				
	0.500	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.02 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	RC10	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	1.000	RC10	0.03	≤ 1	112)	6.1.7 Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO7	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.18	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO3	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	RC10	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO2	0.26	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.500	RC10	0.01	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.20	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	RC10	0.01	≤ 1	303)	Compression member with axial compression acc. to 6.3.2 - Buckling about both axes
	0.500	RC10	0.02	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.21	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9637	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.030	RC10	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.030	RC10	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO5	0.40	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.060	CO5	0.28	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.060	CO5	0.52	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.060	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.060	CO2	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.030	RC10	0.05	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.060	CO6	0.02	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO11	0.29	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.030	RC10	0.04	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	RC10	0.09	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.030	RC10	0.04	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	RC10	0.09	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.030	CO17	0.01	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.030	CO29	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.030	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.030	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
9980	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO2	0.02	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.500	CO10	0.00	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.21	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.500	CO4	0.00	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO3	0.27	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10001	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10002	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10003	Cross-section No. 7 - T-Rectangle 75/75				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO27	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10004	Cross-section No. 7 - T-Rectangle 75/75				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10005	Cross-section No. 7 - T-Rectangle 75/75				
	0.150	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10006	Cross-section No. 7 - T-Rectangle 75/75				
	0.300	CO7	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.150	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10007	Cross-section No. 7 - T-Rectangle 75/75					
	0.300	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10008	Cross-section No. 7 - T-Rectangle 75/75					
	0.150	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO15	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO26	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10009	Cross-section No. 7 - T-Rectangle 75/75					
	0.300	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.300	CO2	0.05	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.300	CO4	0.00	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.150	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.300	CO2	0.05	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.300	CO10	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.300	CO4	0.01	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.150	CO14	0.00	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	0.150	CO27	0.00	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
10728	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO8	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO5	0.00	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC10	0.17	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	0.000	CO3	0.30	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.000	CO6	0.03	≤ 1	172)	Cross-section resistance - Uniaxial bending about z-axis and compression acc. to 6.2.4
	1.500	RC10	0.18	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.000	CO6	0.04	≤ 1	328)	Member with bending about z-axis and compression acc. to 6.3.2 - Buckling about both axes
	1.500	RC10	0.18	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner s

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Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.500	CO29	0.00	≤ 1	407)	span, y-direction Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10732	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO3	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.500	CO2	0.07	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO2	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.12	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.34	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.35	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO15	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO27	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10733	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.500	CO3	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	CO10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.01	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO3	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.69	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.66	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.68	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	0.500	CO15	0.07	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO14	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO26	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
10822	Cross-section No. 7 - T-Rectangle 75/75					
	0.500	CO7	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO8	0.01	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.13	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	1.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.05	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.25	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.000	CO2	0.10	≤ 1	161)	Cross-section resistance - Uniaxial bending about y-axis and tension acc. to 6.2.3
	1.500	RC10	0.34	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	1.500	RC10	0.33	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	1.500	RC10	0.34	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.08	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.02	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11060	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.000	CO3	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.18 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.28 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.28 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.28 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11061	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.04 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.16 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.30 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.31 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11065	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.02 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.000	CO12	0.02 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.15 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.15 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.31 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.11 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11066	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6

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Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	1.500	RC10	0.14 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11069	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO12	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.27 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO15	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11070	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.500	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.08 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.500	CO2	0.09 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.34 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.500	CO2	0.10 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.35 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11071	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO12	0.00 ≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	1.000	CO9	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC10	0.19 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.20 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.02 ≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and t

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	CO6	0.03	≤ 1	163)	tension acc. to 6.2.3
	0.000	CO2	0.28	≤ 1	171)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO3	0.28	≤ 1	173)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO2	0.29	≤ 1	323)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.29	≤ 1	333)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Negligible deformations
	1.000	CO26	0.04	≤ 1	402)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO16	0.01	≤ 1	406)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO28	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11072	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.04	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.09	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.20	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.04	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO6	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.28	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.29	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.30	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11076	Cross-section No. 7 - T-Rectangle 75/75					
	0.000	RC10	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO11	0.00	≤ 1	101)	Cross-section resistance - Tension along the grain acc. to 6.1.2
	0.000	CO2	0.01	≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03	≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.02	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.07	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.18	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO12	0.06	≤ 1	162)	Cross-section resistance - Uniaxial bending about z-axis and tension acc. to 6.2.3
	0.000	CO6	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.28	≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.31	≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29	≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.32	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00	≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12	≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03	≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01	≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00	≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11077	Cross-section No. 7 - T-Rectangle 75/75					

Project:

Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

2.4 DESIGN BY MEMBER

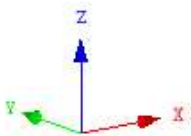
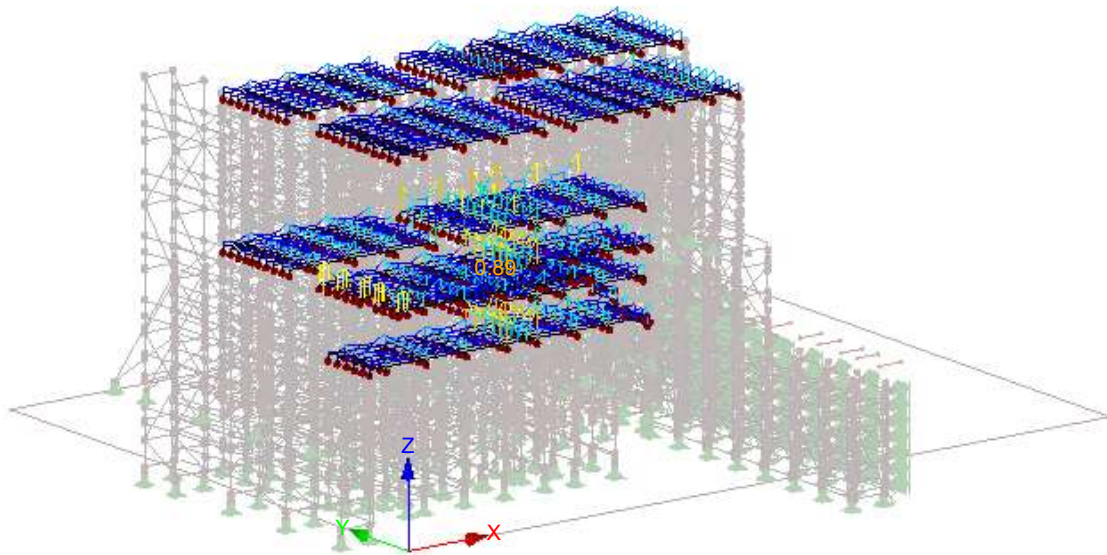
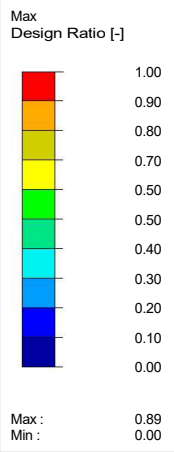
Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.000	RC10	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.17 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.17 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.500	RC10	0.18 ≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
	0.000	CO2	0.28 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.32 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.33 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11080	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.01 ≤ 1	102)	Cross-section resistance - Compression along the grain acc. to 6.1.4
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.500	RC10	0.12 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	RC10	0.13 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO2	0.28 ≤ 1	171)	Cross-section resistance - Uniaxial bending about y-axis and compression acc. to 6.2.4
	0.000	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO2	0.29 ≤ 1	323)	Member with bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	0.500	CO17	0.01 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	0.500	CO29	0.00 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction
11081	Cross-section No. 7 - T-Rectangle 75/75				
	0.000	RC10	0.00 ≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	CO2	0.14 ≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.500	CO5	0.03 ≤ 1	112)	Cross-section resistance - Shear due to shear force Vy acc. to 6.1.7
	0.000	RC10	0.00 ≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	CO1	0.01 ≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	CO6	0.09 ≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.500	CO5	0.12 ≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	CO3	0.33 ≤ 1	173)	Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	CO3	0.34 ≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
	0.000	CO13	0.00 ≤ 1	400)	Serviceability - Negligible deformations
	1.000	CO14	0.12 ≤ 1	401)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, z-direction
	1.000	CO26	0.03 ≤ 1	402)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, z-direction
	1.000	CO15	0.02 ≤ 1	406)	Serviceability - Design situation Characteristic acc. to 7.2 - Inner span, y-direction
	1.000	CO27	0.01 ≤ 1	407)	Serviceability - Design situation Quasi-permanent acc. to 7.2 - Inner span, y-direction

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA3

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 0.89

Project: Model: Oikia Paidwn_phase 2_R11 Date: 4/10/2023

1.1 GLOBAL DATA

Activities	<input checked="" type="checkbox"/> Modal analysis (eigenvectors) <input checked="" type="checkbox"/> Mass combinations <input checked="" type="checkbox"/> Forced vibrations <input checked="" type="checkbox"/> Response spectra <input type="checkbox"/> Accelerograms <input type="checkbox"/> Time diagrams <input type="checkbox"/> Equivalent static force analysis
Setting	Gravity acceleration : 10.00 m/s ²

1.2.1 MASS CASES - GENERAL

No.	Mass Case Description	Parameters
MC2	live load	Mass Case Type : Imposed - category A-B (roofs, p=1.0) Masses <input checked="" type="checkbox"/> : From force components of Load Case LC2-LL
MC3	mass_y-	Mass Case Type : Permanent Masses <input checked="" type="checkbox"/> : From force components of Load Case LC1-SW Masses : Manually define additional masses at <input checked="" type="checkbox"/> Members

MC3
mass_y-

1.2.4 MASS CASES - ADDITIONAL MEMBER MASSES

No.	List of Members with Masses	Mass m [kg/m]	Comment
1	7051,7053,7060,7061,7062,7063,7064,7066,7068,7069,7070,7071,7072,7073,7074,7075,7077,7079,7080,7081,7082,7094,7095,7096,7097,7099,7101,7102,7103,7104,7105,7106,7107,7108,7110,7112,7113,7114,7115,7116,7117,7118,7119,7121,7123,7124,7125,7126,7127,7128,7129,7130,7132,7134,7135,7136,7137,7138,7139,7140,7141,7143,7145,7146,7147,7148,7149,7150,7151,7152,7154,7156,7157,7158,7159,7161,7162,7163,7165,7167,7168,7169,7170,7172,7173,7174,7176,7178,7179,7180,7181,7183,7184,7185,7187,7189,7190,7191,7192,7194,7195,7196,7198,7200,7201,7202,7203,7206,7207,7209,7211,7212,7213,7214,7216,7217,7218,7220,7222,7223,7224,7225,7227,7238,7249,7615,11047,11048,11049,11050,11051,11052	300.000	
2	8365,8367,8375,8376,8377,8379,8380,8413,8417,8418,8419,8420,8421,8422,8430,8431,8432,8433,8434,8435,8436,8439,8497,8498,8499,8500,8504,8506,8515,8516,8517,8518,8519,8520,8521,8527,8528,8529,9414,9415,9416,9417,9485,9486,9487,9488,9489,9490	150.000	

1.3.1 MASS COMBINATIONS - GENERAL

No.	Mass Combination Description	Parameters
MCO2	mass_y-	Mass Cases : 0.30 MC2 - live load 1.00 MC3 - mass_y- Comment :

1.4.1 NATURAL VIBRATION CASE - GENERAL

NVC Case	Natural Vibration Case Description	Parameters
NVC2	mass_y-	Number of Smallest Eigenvalues : 50 Acting Masses : MCO2 - mass_y- Masses considered in : <input checked="" type="checkbox"/> X-direction <input checked="" type="checkbox"/> Y-direction <input checked="" type="checkbox"/> Z-direction

1.4.2 NATURAL VIBRATION CASE - CALCULATION PARAMETERS

NVC Case	Natural Vibration Case Description	Calculation Parameters
NVC2	mass_y-	Type of Mass Matrix : Diagonal matrix (translational DOFs) Scaling Vibration Mode Shapes : Max {u _i } = 1 Method for Solving Eigenvalues : Lanczos

Project:

Model: Oikia Paidwn_phase 2_R11

Date:

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1.5.1 RESPONSE SPECTRA - GENERAL

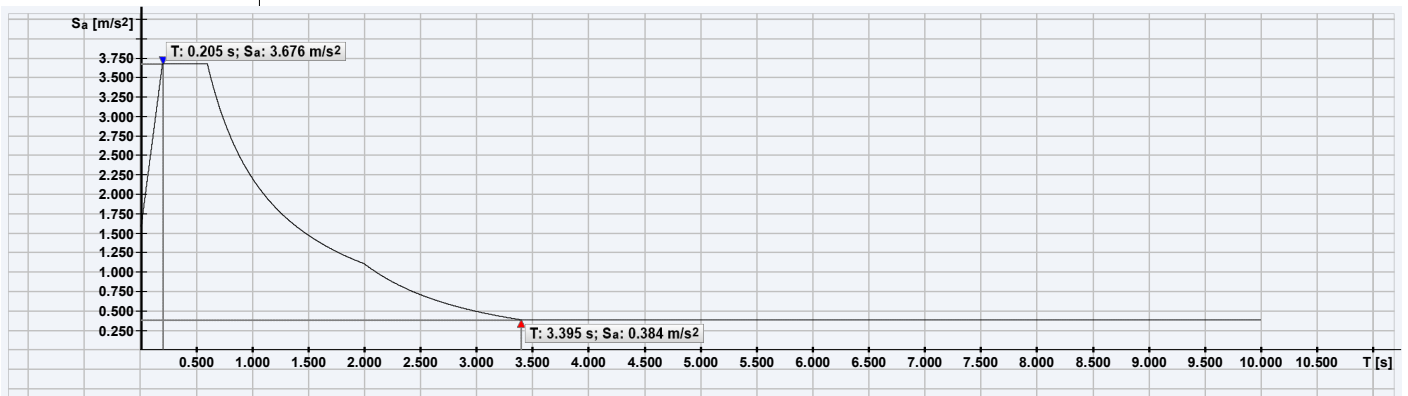
RS Case	Response Spectra Description	Definition Type	Comment
RS1		According to Standard: EN 1998-1:2010 - European Union National Annex: CEN - European Union	
RS2		According to Standard: EN 1998-1:2010 - European Union National Annex: CEN - European Union	

1.5.2 RESPONSE SPECTRA - STANDARD PARAMETERS

No.	Response Spectrum Description	Mass Case Parameters
RS1		<p>Type of Spectrum Type of Spectrum : Design spectrum for linear calculation Type of Spectrum : 1 Spectrum direction : Horizontal spectrum</p> <p>Earthquake action Reference peak ground acceleration a_{gR} : 1.3700 Importance factor γ_I : 1.4 Design ground acceleration a_g : 1.9180</p> <p>Parameter for description of response spectrum Ground type : C Soil factor S : 1.1500 Lower limit of area of constant spectral acceleration (horizontal) T_{B-H} : 0.2000 Upper limit of area of constant spectral acceleration (horizontal) T_{C-H} : 0.6000 Value defining the beginning of area of constant displacements of spectrum (horizontal) T_{D-H} : 2.0000</p> <p>Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000</p>
RS2		<p>Type of Spectrum Type of Spectrum : Design spectrum for linear calculation Type of Spectrum : 1 Spectrum direction : Vertical spectrum</p> <p>Earthquake action Reference peak ground acceleration a_{gR} : 1.3700 Importance factor γ_I : 1.4 Design ground acceleration (vertical) a_{gV} : 1.7262</p> <p>Parameter for description of response spectrum Ground type : C Soil factor S : 1.1500 Lower limit of area with constant spectral acceleration (vertical) T_{B-V} : 0.0500 Upper limit of area with constant spectral acceleration (vertical) T_{C-V} : 0.1500 Value defining the beginning of area of constant displacements of spectrum (vertical) T_{D-V} : 1.0000</p> <p>Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000</p>

1.5.3.1 RESPONSE SPECTRA - GRAPH

RS1

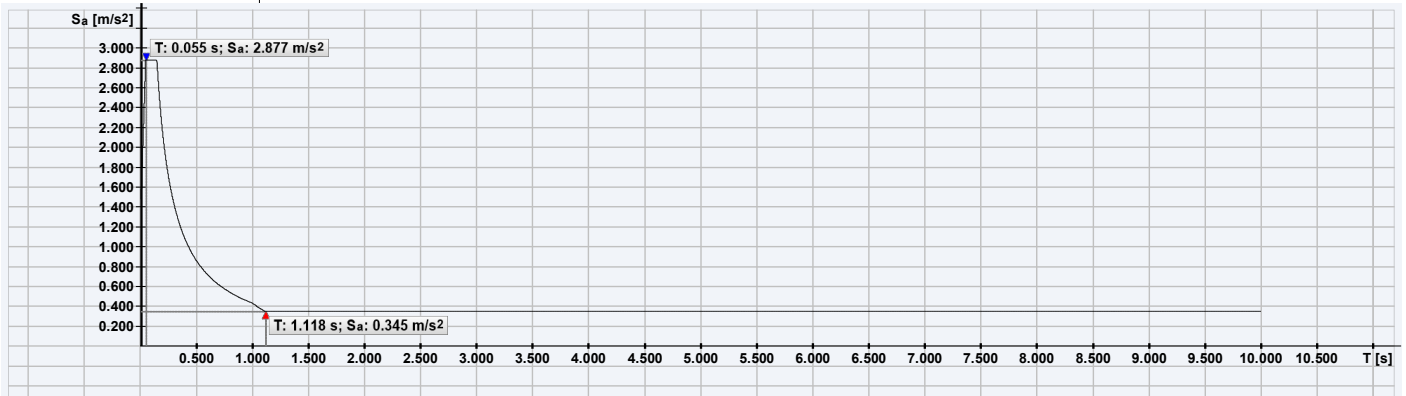


Project: Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

1.5.3.2 RESPONSE SPECTRA - GRAPH

RS2



1.8.1 DYNAMIC LOAD CASES - GENERAL

DLC Case	Dynamic Load Cases Description	Parameters
DLC2	mass y-	Method Type : Response spectrum analysis (response spectrum required) Assign Natural Vibration : Natural Vibration Case: mass y-

1.8.2.1 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS

DLC Case	Dynamic Load Cases Description	Parameters
DLC2	mass y-	Assign Response Spectrum - Supports <input checked="" type="checkbox"/> On all supports identically Assign response spectrum: Response Spectrum in Direction <input checked="" type="checkbox"/> y: RS1 - Multiplication factor 1.000 Rotate a_x a_y about Z: $\alpha = 0.00$ [°] Combination Rules: Modal response combination rule: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> CQC Combination of directional components: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> 100 / 30 % <input type="checkbox"/> 100 / 40 % Options <input checked="" type="checkbox"/> Use equivalent linear combination Generate: <input checked="" type="checkbox"/> Create result combination Number of first generated result combination: 5 Lehr's damping: D = 0.040 [-]

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generate	Frequency		Period T [s]	Acceleration S_a [m/s²]
				ω [rad/s]	f [Hz]		
DLC2	mass y-	1	<input checked="" type="checkbox"/>	6.442	1.025	0.975	2.262
		2	<input checked="" type="checkbox"/>	6.548	1.042	0.960	2.299
		3	<input checked="" type="checkbox"/>	7.173	1.142	0.876	2.518
		4	<input checked="" type="checkbox"/>	11.022	1.754	0.570	3.676
		5	<input checked="" type="checkbox"/>	12.637	2.011	0.497	3.676
		6	<input checked="" type="checkbox"/>	12.884	2.051	0.488	3.676
		7	<input checked="" type="checkbox"/>	14.581	2.321	0.431	3.676
		8	<input checked="" type="checkbox"/>	14.895	2.371	0.422	3.676
		9	<input checked="" type="checkbox"/>	15.563	2.477	0.404	3.676
		10	<input checked="" type="checkbox"/>	17.596	2.801	0.357	3.676
		11	<input checked="" type="checkbox"/>	18.682	2.973	0.336	3.676

Project:

Model: Oikia Paidwn_phase 2_R11

Date:

4/10/2023

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generate	Frequency		Period T [s]	Acceleration S _a [m/s ²]
				ω [rad/s]	f [Hz]		
		12	<input checked="" type="checkbox"/>	18.796	2.992	0.334	3.676
		13	<input checked="" type="checkbox"/>	19.361	3.081	0.325	3.676
		14	<input checked="" type="checkbox"/>	21.129	3.363	0.297	3.676
		15	<input checked="" type="checkbox"/>	22.831	3.634	0.275	3.676
		16	<input checked="" type="checkbox"/>	24.206	3.852	0.260	3.676
		17	<input checked="" type="checkbox"/>	24.777	3.943	0.254	3.676
		18	<input checked="" type="checkbox"/>	28.399	4.520	0.221	3.676
		19	<input checked="" type="checkbox"/>	30.361	4.832	0.207	3.676
		20	<input checked="" type="checkbox"/>	31.167	4.960	0.202	3.676
		21	<input checked="" type="checkbox"/>	31.378	4.994	0.200	3.676
		22	<input checked="" type="checkbox"/>	32.012	5.095	0.196	3.635
		23	<input checked="" type="checkbox"/>	32.260	5.134	0.195	3.618
		24	<input checked="" type="checkbox"/>	32.345	5.148	0.194	3.613
		25	<input checked="" type="checkbox"/>	32.500	5.172	0.193	3.603
		26	<input checked="" type="checkbox"/>	33.092	5.267	0.190	3.564
		27	<input checked="" type="checkbox"/>	33.471	5.327	0.188	3.541
		28	<input checked="" type="checkbox"/>	33.537	5.338	0.187	3.537
		29	<input checked="" type="checkbox"/>	33.798	5.379	0.186	3.521
		30	<input checked="" type="checkbox"/>	35.185	5.600	0.179	3.440
		31	<input checked="" type="checkbox"/>	35.454	5.643	0.177	3.425
		32	<input checked="" type="checkbox"/>	35.699	5.682	0.176	3.412
		33	<input checked="" type="checkbox"/>	35.738	5.688	0.176	3.409
		34	<input checked="" type="checkbox"/>	35.841	5.704	0.175	3.404
		35	<input checked="" type="checkbox"/>	36.023	5.733	0.174	3.394
		36	<input checked="" type="checkbox"/>	36.261	5.771	0.173	3.381
		37	<input checked="" type="checkbox"/>	36.499	5.809	0.172	3.369
		38	<input checked="" type="checkbox"/>	36.509	5.811	0.172	3.368
		39	<input checked="" type="checkbox"/>	36.630	5.830	0.172	3.362
		40	<input checked="" type="checkbox"/>	36.711	5.843	0.171	3.358
		41	<input checked="" type="checkbox"/>	36.880	5.870	0.170	3.349
		42	<input checked="" type="checkbox"/>	36.994	5.888	0.170	3.344
		43	<input checked="" type="checkbox"/>	37.016	5.891	0.170	3.342
		44	<input checked="" type="checkbox"/>	37.094	5.904	0.169	3.339
		45	<input checked="" type="checkbox"/>	37.114	5.907	0.169	3.338
		46	<input checked="" type="checkbox"/>	37.120	5.908	0.169	3.337
		47	<input checked="" type="checkbox"/>	37.146	5.912	0.169	3.336
		48	<input checked="" type="checkbox"/>	37.191	5.919	0.169	3.334
		49	<input checked="" type="checkbox"/>	37.206	5.921	0.169	3.333
		50	<input checked="" type="checkbox"/>	37.224	5.924	0.169	3.332

5.1 NATURAL FREQUENCIES

NVC2

NVC2
mass y-

Mode No.	Eigenvalue λ [1/s ²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]
1	41.502	6.442	1.025	0.975
2	42.880	6.548	1.042	0.960
3	51.457	7.173	1.142	0.876
4	121.479	11.022	1.754	0.570
5	159.696	12.637	2.011	0.497
6	165.990	12.884	2.051	0.488
7	212.605	14.581	2.321	0.431
8	221.869	14.895	2.371	0.422
9	242.200	15.563	2.477	0.404
10	309.626	17.596	2.801	0.357
11	349.022	18.682	2.973	0.336
12	353.302	18.796	2.992	0.334
13	374.837	19.361	3.081	0.325
14	446.428	21.129	3.363	0.297
15	521.274	22.831	3.634	0.275
16	585.920	24.206	3.852	0.260
17	613.902	24.777	3.943	0.254
18	806.526	28.399	4.520	0.221
19	921.788	30.361	4.832	0.207
20	971.352	31.167	4.960	0.202
21	984.558	31.378	4.994	0.200
22	1024.776	32.012	5.095	0.196
23	1040.685	32.260	5.134	0.195
24	1046.213	32.345	5.148	0.194
25	1056.223	32.500	5.172	0.193
26	1095.093	33.092	5.267	0.190
27	1120.293	33.471	5.327	0.188
28	1124.723	33.537	5.338	0.187
29	1142.329	33.798	5.379	0.186
30	1237.974	35.185	5.600	0.179
31	1257.020	35.454	5.643	0.177
32	1274.431	35.699	5.682	0.176
33	1277.219	35.738	5.688	0.176
34	1284.561	35.841	5.704	0.175
35	1297.652	36.023	5.733	0.174
36	1314.835	36.261	5.771	0.173
37	1332.185	36.499	5.809	0.172
38	1332.914	36.509	5.811	0.172
39	1341.757	36.630	5.830	0.172
40	1347.691	36.711	5.843	0.171
41	1360.144	36.880	5.870	0.170
42	1368.538	36.994	5.888	0.170
43	1370.164	37.016	5.891	0.170
44	1375.968	37.094	5.904	0.169
45	1377.427	37.114	5.907	0.169
46	1377.916	37.120	5.908	0.169

Project: Model: Oikia Paidwn_phase 2_R11

Date: 4/10/2023

5.1 NATURAL FREQUENCIES

NVC2

Mode No.	Eigenvalue λ [1/s ²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]
47	1379.790	37.146	5.912	0.169
48	1383.146	37.191	5.919	0.169
49	1384.276	37.206	5.921	0.169
50	1385.613	37.224	5.924	0.169

5.7 EFFECTIVE MODAL MASS FACTORS

NVC2

NVC2
mass y-

Mode No.	Modal Mass M _i [kg]	Effective Modal Mass						Effective Modal Mass Factor		
		m _{ex} [kg]	m _{ey} [kg]	m _{ez} [kg]	m _{ex} [kg.m ²]	m _{ey} [kg.m ²]	m _{ez} [kg.m ²]	f _{mex} [-]	f _{meY} [-]	f _{mez} [-]
1	20410.05	25460.21	22.30	0.05	42.95	17390.24	75668.26	0.279	0.000	0.000
2	1355.40	139.72	2261.44	0.24	24769.29	83.02	36211.27	0.002	0.025	0.000
3	20249.00	33518.42	299.08	1.41	48.72	46706.67	96791.14	0.368	0.003	0.000
4	826.75	7.21	2858.33	0.07	22539.92	539.07	11982.00	0.000	0.031	0.000
5	5106.78	25.70	43.35	0.50	0.00	2518.26	43.28	0.000	0.000	0.000
6	353.42	726.78	1.51	0.00	13.91	7066.61	3142.51	0.008	0.000	0.000
7	602.22	181.24	9302.14	19.70	184.87	7117.38	1175.62	0.002	0.102	0.000
8	13673.45	653.83	5.80	0.01	0.03	106618.36	3562.89	0.007	0.000	0.000
9	1009.62	146.82	5300.54	9.17	4073.75	48555.99	5037.64	0.002	0.058	0.000
10	13622.53	5156.59	8820.32	62.96	6974.82	75191.27	5569.80	0.057	0.097	0.001
11	9266.73	1202.53	16165.37	512.39	74047.33	11911.81	237469.69	0.013	0.177	0.006
12	194.19	3.06	0.30	0.00	1.37	32.75	6729.66	0.000	0.000	0.000
13	2752.23	10134.92	322.07	16.26	6813.56	178.50	254571.78	0.111	0.004	0.000
14	638.18	2897.25	0.32	0.01	649.82	577.91	131227.43	0.032	0.000	0.000
15	2419.40	146.64	5784.08	3.39	19986.44	244.97	290686.68	0.002	0.063	0.000
16	4900.46	114.94	872.40	13.26	2806.87	4813.60	61275.84	0.001	0.010	0.000
17	4175.48	134.76	7558.79	73.24	8804.73	2742.74	231195.66	0.001	0.083	0.001
18	828.36	77.66	184.25	0.34	2159.81	4219.54	34872.98	0.001	0.002	0.000
19	2701.37	9.03	0.01	4498.93	29305.90	292171.09	66.55	0.000	0.000	0.049
20	2000.43	17.37	147.22	142.67	19593.09	19354.81	7221.94	0.000	0.002	0.002
21	1622.54	5.85	68.61	3188.01	102175.79	32513.83	102.66	0.000	0.001	0.035
22	3245.82	1.96	250.38	1122.55	9856.04	20735.16	2461.33	0.000	0.003	0.012
23	770.45	30.87	7.48	1188.46	4798.63	14222.15	9287.45	0.000	0.000	0.013
24	1070.25	0.04	932.48	2208.76	16714.71	8.87	27102.68	0.000	0.010	0.024
25	581.23	0.07	570.92	0.12	1008.28	316.14	10794.00	0.000	0.006	0.000
26	158.01	1.22	0.01	0.00	0.06	21.00	0.02	0.000	0.000	0.000
27	670.41	36.60	0.05	1059.43	4212.14	53354.40	43.06	0.000	0.000	0.012
28	1614.30	1.53	2.71	3.67	1.33	4556.52	20.08	0.000	0.000	0.000
29	1022.86	0.25	400.77	3874.35	27536.23	80050.67	14660.88	0.000	0.004	0.043
30	418.51	27.29	0.75	2310.43	11605.54	58451.59	986.47	0.000	0.000	0.025
31	137.04	3.72	21.15	756.02	1457.67	546.15	2285.65	0.000	0.000	0.008
32	732.69	7.77	83.62	1565.25	248.53	43147.83	1951.52	0.000	0.001	0.017
33	1850.80	152.30	27.02	183.07	113.78	12057.01	3964.33	0.002	0.000	0.002
34	2721.26	5.51	180.65	4348.99	2190.58	120091.27	4213.91	0.000	0.002	0.048
35	2132.58	3.63	0.22	2353.72	289.03	2584.92	326.91	0.000	0.000	0.026
36	2247.44	0.52	4.00	3441.43	371.22	739.19	0.15	0.000	0.000	0.038
37	650.64	0.02	109.86	138.92	526.45	2342.79	4791.49	0.000	0.001	0.002
38	2921.51	24.44	34.40	1354.41	335.64	18666.56	1150.60	0.000	0.000	0.015
39	1638.64	4.79	18.60	367.88	1079.96	1922.93	25.86	0.000	0.000	0.004
40	3223.63	0.29	110.99	90.47	878.03	508.22	1460.84	0.000	0.001	0.001
41	822.32	0.25	191.44	49.82	728.50	2518.00	6971.21	0.000	0.002	0.001
42	1114.69	3.01	187.61	296.72	1239.27	3785.69	5377.32	0.000	0.002	0.003
43	617.91	0.04	0.02	94.49	78.25	47.87	4.41	0.000	0.000	0.001
44	727.33	0.16	2.88	3.38	2.62	173.36	48.29	0.000	0.000	0.000
45	717.61	0.00	0.06	118.72	381.64	9.50	0.57	0.000	0.000	0.001
46	2336.90	2.61	4.63	516.95	521.95	29656.00	865.87	0.000	0.000	0.006
47	665.62	0.70	42.21	62.75	31.97	1558.01	1268.57	0.000	0.000	0.001
48	2001.52	0.62	37.22	70.84	529.45	998.16	1040.86	0.000	0.000	0.001
49	1356.27	0.02	0.02	372.16	363.71	6643.18	20.64	0.000	0.000	0.004
50	1302.63	0.83	1.39	114.64	64.57	2030.62	71.97	0.000	0.000	0.001
Sum	148179.49	81071.58	63241.77	36611.00	412158.75	1162292.15	1595802.26	0.889	0.694	0.402

STRUCTURAL ANALYSIS

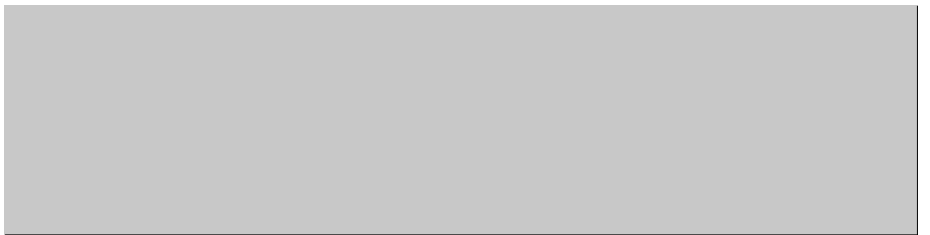
PROJECT



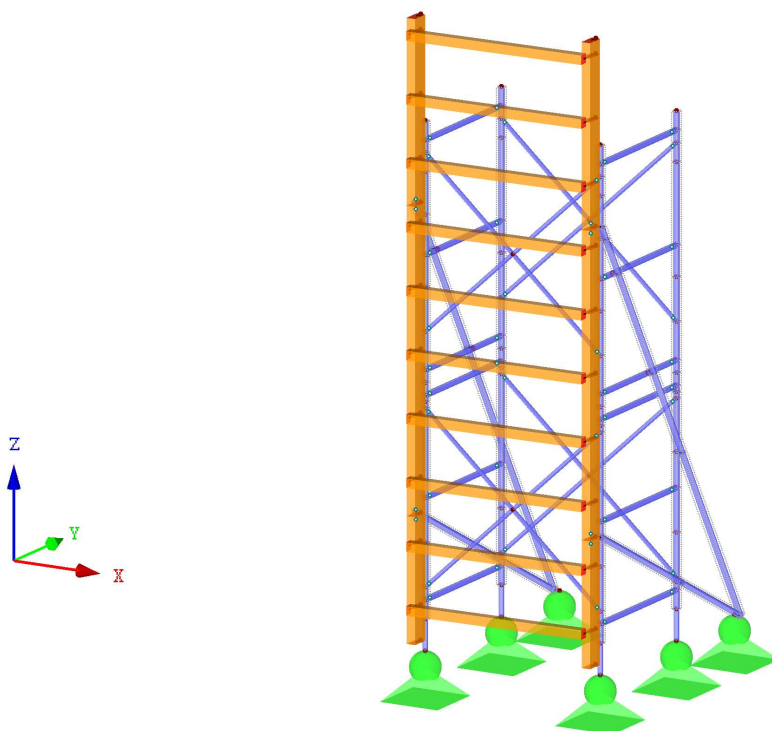
CLIENT



CREATED BY



Isometric



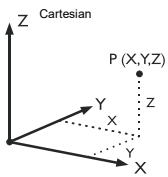
Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

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1.1 NODES



Node No.	Node Type	Reference Node	Coordinate System	Node Coordinates			Comment
				X [m]	Y [m]	Z [m]	
1	Standard	-	Cartesian	7.201	6.845	0.461	
2	Standard	-	Cartesian	8.701	6.895	0.461	
3	Standard	-	Cartesian	7.951	5.718	1.200	
4	Standard	-	Cartesian	7.951	6.870	1.200	
5	Standard	-	Cartesian	7.951	5.718	3.200	
6	Standard	-	Cartesian	7.951	6.870	3.200	
7	Standard	-	Cartesian	7.201	6.845	1.479	
8	Standard	-	Cartesian	8.701	6.895	1.479	
9	Standard	-	Cartesian	7.201	6.416	2.200	
10	Standard	-	Cartesian	8.701	6.466	2.200	
11	Standard	-	Cartesian	7.201	5.881	3.100	
12	Standard	-	Cartesian	8.701	5.931	3.100	
13	Standard	-	Cartesian	8.701	5.743	3.416	
14	Standard	-	Cartesian	7.201	5.693	3.416	
412	Standard	-	Cartesian	7.201	5.693	0.000	
413	Standard	-	Cartesian	7.201	6.845	0.000	
414	Standard	-	Cartesian	7.201	7.725	0.000	
415	Standard	-	Cartesian	7.201	5.625	1.100	
416	Standard	-	Cartesian	8.701	5.743	0.000	
417	Standard	-	Cartesian	8.701	6.895	0.000	
418	Standard	-	Cartesian	8.701	7.775	0.000	
419	Standard	-	Cartesian	8.701	5.675	1.100	
420	Standard	-	Cartesian	7.201	5.625	3.530	
421	Standard	-	Cartesian	8.701	5.675	3.530	
422	Standard	-	Cartesian	7.201	5.625	5.000	
423	Standard	-	Cartesian	8.701	5.675	5.000	
424	Standard	-	Cartesian	7.201	5.625	0.100	
425	Standard	-	Cartesian	8.701	5.675	0.100	
426	Standard	-	Cartesian	7.201	5.625	4.880	
427	Standard	-	Cartesian	8.701	5.675	4.880	
428	Standard	-	Cartesian	7.201	5.625	4.380	
429	Standard	-	Cartesian	8.701	5.675	4.380	
430	Standard	-	Cartesian	7.201	5.625	3.880	
431	Standard	-	Cartesian	8.701	5.675	3.880	
432	Standard	-	Cartesian	7.201	5.625	3.380	
433	Standard	-	Cartesian	8.701	5.675	3.380	
434	Standard	-	Cartesian	7.201	5.625	2.880	
435	Standard	-	Cartesian	8.701	5.675	2.880	
436	Standard	-	Cartesian	7.201	5.625	2.380	
437	Standard	-	Cartesian	8.701	5.675	2.380	
438	Standard	-	Cartesian	7.201	5.625	1.880	
439	Standard	-	Cartesian	8.701	5.675	1.880	
440	Standard	-	Cartesian	7.201	5.625	1.380	
441	Standard	-	Cartesian	8.701	5.675	1.380	
442	Standard	-	Cartesian	7.201	5.625	0.880	
443	Standard	-	Cartesian	8.701	5.675	0.880	
444	Standard	-	Cartesian	7.201	5.625	0.380	
445	Standard	-	Cartesian	8.701	5.675	0.380	
3787	Standard	-	Cartesian	7.201	5.693	2.100	
3788	Standard	-	Cartesian	7.201	6.845	2.100	
3789	Standard	-	Cartesian	8.701	5.743	2.100	
3790	Standard	-	Cartesian	8.701	6.895	2.100	

Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

1.1 NODES

Node No.	Node Type	Reference Node	Coordinate System	Node Coordinates			Comment
				X [m]	Y [m]	Z [m]	
3808	Standard	-	Cartesian	7.201	5.693	0.250	
3809	Standard	-	Cartesian	7.201	6.845	0.250	
3810	Standard	-	Cartesian	8.701	5.743	0.250	
3823	Standard	-	Cartesian	8.701	6.895	0.250	
3824	Standard	-	Cartesian	7.201	5.693	0.500	
3825	Standard	-	Cartesian	7.201	6.845	0.500	
3826	Standard	-	Cartesian	8.701	5.743	0.500	
3827	Standard	-	Cartesian	8.701	6.895	0.500	
3828	Standard	-	Cartesian	7.201	5.693	1.900	
3829	Standard	-	Cartesian	7.201	6.845	1.900	
3830	Standard	-	Cartesian	8.701	5.743	1.900	
3831	Standard	-	Cartesian	8.701	6.895	1.900	
3832	Standard	-	Cartesian	7.201	6.845	0.400	
3833	Standard	-	Cartesian	7.201	5.693	0.400	
3834	Standard	-	Cartesian	7.201	6.845	1.200	
3835	Standard	-	Cartesian	7.201	5.693	1.200	
3836	Standard	-	Cartesian	8.701	6.895	0.400	
3837	Standard	-	Cartesian	8.701	5.743	0.400	
3838	Standard	-	Cartesian	8.701	6.895	1.200	
3839	Standard	-	Cartesian	8.701	5.743	1.200	
3840	Standard	-	Cartesian	7.201	5.693	2.000	
3841	Standard	-	Cartesian	7.201	6.845	2.000	
3842	Standard	-	Cartesian	8.701	5.743	2.000	
3843	Standard	-	Cartesian	8.701	6.895	2.000	
3844	Standard	-	Cartesian	7.201	6.845	2.500	
3845	Standard	-	Cartesian	7.201	5.693	2.500	
3846	Standard	-	Cartesian	7.201	6.845	3.100	
3847	Standard	-	Cartesian	7.201	5.693	3.100	
3848	Standard	-	Cartesian	8.701	6.895	2.500	
3849	Standard	-	Cartesian	8.701	5.743	2.500	
3850	Standard	-	Cartesian	8.701	6.895	3.100	
3851	Standard	-	Cartesian	8.701	5.743	3.100	
3852	Standard	-	Cartesian	7.201	6.845	2.200	
3853	Standard	-	Cartesian	7.201	5.693	2.200	
3854	Standard	-	Cartesian	7.201	6.845	4.150	
3855	Standard	-	Cartesian	7.201	5.693	4.150	
3856	Standard	-	Cartesian	8.701	6.895	4.150	
3857	Standard	-	Cartesian	8.701	5.743	4.150	
3858	Standard	-	Cartesian	8.701	6.895	2.200	
3859	Standard	-	Cartesian	8.701	5.743	2.200	
3860	Standard	-	Cartesian	7.201	5.693	3.900	
3861	Standard	-	Cartesian	7.201	6.845	3.900	
3862	Standard	-	Cartesian	8.701	5.743	3.900	
3863	Standard	-	Cartesian	8.701	6.895	3.900	
3864	Standard	-	Cartesian	7.201	5.693	4.000	
3865	Standard	-	Cartesian	7.201	6.845	4.000	
3866	Standard	-	Cartesian	8.701	5.743	4.000	
3867	Standard	-	Cartesian	8.701	6.895	4.000	
3870	Standard	-	Cartesian	7.201	5.693	0.850	
3871	Standard	-	Cartesian	7.201	6.845	0.850	
3872	Standard	-	Cartesian	8.701	5.743	0.850	
3873	Standard	-	Cartesian	8.701	6.895	0.850	
3874	Standard	-	Cartesian	7.201	5.693	1.950	
3875	Standard	-	Cartesian	7.201	6.845	1.950	
3876	Standard	-	Cartesian	8.701	5.743	1.950	
3877	Standard	-	Cartesian	8.701	6.895	1.950	
3878	Standard	-	Cartesian	7.201	5.693	2.850	
3879	Standard	-	Cartesian	7.201	6.845	2.850	
3880	Standard	-	Cartesian	8.701	5.743	2.850	
3881	Standard	-	Cartesian	8.701	6.895	2.850	
3882	Standard	-	Cartesian	7.201	5.693	3.750	
3883	Standard	-	Cartesian	7.201	6.845	3.750	
3884	Standard	-	Cartesian	8.701	5.743	3.750	
3885	Standard	-	Cartesian	8.701	6.895	3.750	

1.2 LINES

Line No.	Line Type	Nodes No.	Line Length L [m]		Comment
1	Polyline	414,1	0.993	YZ	
2	Polyline	414,7	1.721	YZ	
3	Polyline	418,2	0.993	YZ	
4	Polyline	418,8	1.721	YZ	
5	Polyline	1,3825	0.039	Z	
6	Polyline	2,3827	0.039	Z	
7	Polyline	1,415	1.377	YZ	
8	Polyline	2,419	1.377	YZ	
9	Polyline	7,9	0.839	YZ	
10	Polyline	7,3829	0.421	Z	
11	Polyline	8,10	0.839	YZ	
12	Polyline	8,3831	0.421	Z	
13	Polyline	9,11	1.047	YZ	
14	Polyline	10,12	1.047	YZ	
15	Polyline	9,3852	0.429	Y	
16	Polyline	10,3858	0.429	Y	
17	Polyline	11,14	0.367	YZ	
18	Polyline	12,13	0.367	YZ	
19	Polyline	11,3846	0.964	Y	
20	Polyline	12,3850	0.964	Y	
21	Polyline	424,444	0.280	Z	
22	Polyline	425,445	0.280	Z	
23	Polyline	426,427	1.501	XY	

Project: Model: Oikia Paidwn_wall gamma shaped_R04

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■ 1.2 LINES

Line No.	Line Type	Nodes No.	Line Length L [m]		Comment
24	Polyline	428,429	1.501	XY	
25	Polyline	430,431	1.501	XY	
26	Polyline	432,433	1.501	XY	
27	Polyline	434,435	1.501	XY	
28	Polyline	436,437	1.501	XY	
29	Polyline	438,439	1.501	XY	
30	Polyline	440,441	1.501	XY	
31	Polyline	442,443	1.501	XY	
32	Polyline	444,445	1.501	XY	
33	Polyline	444,442	0.500	Z	
34	Polyline	442,415	0.220	Z	
35	Polyline	415,440	0.280	Z	
36	Polyline	440,438	0.500	Z	
37	Polyline	438,436	0.500	Z	
38	Polyline	436,434	0.500	Z	
39	Polyline	434,432	0.500	Z	
40	Polyline	432,420	0.150	Z	
41	Polyline	420,430	0.350	Z	
42	Polyline	430,428	0.500	Z	
43	Polyline	428,426	0.500	Z	
44	Polyline	3,3830	1.026		
45	Polyline	4,3829	1.026		
46	Polyline	4,3831	1.026		
47	Polyline	3,3828	1.026		
48	Polyline	5,3862	1.026		
49	Polyline	6,3863	1.026		
50	Polyline	5,3860	1.026		
51	Polyline	6,3861	1.026		
52	Polyline	426,422	0.120	Z	
53	Polyline	445,443	0.500	Z	
54	Polyline	443,419	0.220	Z	
55	Polyline	419,441	0.280	Z	
56	Polyline	441,439	0.500	Z	
57	Polyline	439,437	0.500	Z	
58	Polyline	437,435	0.500	Z	
59	Polyline	435,433	0.500	Z	
60	Polyline	433,421	0.150	Z	
61	Polyline	421,431	0.350	Z	
62	Polyline	431,429	0.500	Z	
63	Polyline	429,427	0.500	Z	
64	Polyline	427,423	0.120	Z	
65	Polyline	13,421	0.133	YZ	
66	Polyline	14,420	0.133	YZ	
67	Polyline	14,3882	0.334	Z	
68	Polyline	13,3884	0.334	Z	
5438	Polyline	412,3808	0.250	Z	
5440	Polyline	3808,3833	0.150	Z	
5441	Polyline	413,3809	0.250	Z	
5442	Polyline	3809,3832	0.150	Z	
5443	Polyline	416,3810	0.250	Z	
5444	Polyline	3810,3837	0.150	Z	
5445	Polyline	417,3823	0.250	Z	
5446	Polyline	3823,3836	0.150	Z	
5447	Polyline	3824,3870	0.350	Z	
5448	Polyline	3825,3871	0.350	Z	
5449	Polyline	3826,3872	0.350	Z	
5450	Polyline	3827,3873	0.350	Z	
5451	Polyline	3828,3874	0.050	Z	
5452	Polyline	3829,3875	0.050	Z	
5453	Polyline	3830,3876	0.050	Z	
5454	Polyline	3831,3877	0.050	Z	
5455	Polyline	3824,3	1.026		
5456	Polyline	3826,3	1.026		
5457	Polyline	3825,4	1.026		
5458	Polyline	3827,4	1.026		
5459	Polyline	3833,3832	1.152	Y	
5460	Polyline	3835,3834	1.152	Y	
5461	Polyline	3840,3841	1.152	Y	
5462	Polyline	3837,3836	1.152	Y	
5463	Polyline	3839,3838	1.152	Y	
5464	Polyline	3842,3843	1.152	Y	
5465	Polyline	3834,7	0.279	Z	
5466	Polyline	3835,3828	0.700	Z	
5467	Polyline	3840,3787	0.100	Z	
5468	Polyline	3841,3788	0.100	Z	
5469	Polyline	3832,1	0.061	Z	
5470	Polyline	3833,3824	0.100	Z	
5471	Polyline	3839,3830	0.700	Z	
5472	Polyline	3838,8	0.279	Z	
5473	Polyline	3843,3790	0.100	Z	
5474	Polyline	3842,3789	0.100	Z	
5475	Polyline	3837,3826	0.100	Z	
5476	Polyline	3836,2	0.061	Z	
5477	Polyline	3853,9	0.723	Y	
5478	Polyline	3847,11	0.188	Y	
5479	Polyline	3864,3865	1.152	Y	
5480	Polyline	3859,10	0.723	Y	
5481	Polyline	3851,12	0.188	Y	
5482	Polyline	3866,3867	1.152	Y	
5483	Polyline	3787,3853	0.100	Z	
5484	Polyline	3788,3852	0.100	Z	
5485	Polyline	3789,3859	0.100	Z	
5486	Polyline	3790,3858	0.100	Z	
5487	Polyline	3845,5	1.026		

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1.2 LINES

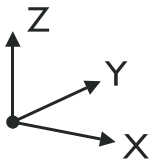
Line No.	Line Type	Nodes No.	Line Length L [m]		Comment
5488	Polyline	3849,5	1.026		
5489	Polyline	3844,6	1.026		
5490	Polyline	3848,6	1.026		
5491	Polyline	3852,3844	0.300	Z	
5492	Polyline	3844,3879	0.350	Z	
5493	Polyline	3846,3883	0.650	Z	
5494	Polyline	3861,3865	0.100	Z	
5495	Polyline	3865,3854	0.150	Z	
5496	Polyline	3853,3845	0.300	Z	
5497	Polyline	3845,3878	0.350	Z	
5498	Polyline	3847,14	0.316	Z	
5499	Polyline	3860,3864	0.100	Z	
5500	Polyline	3864,3855	0.150	Z	
5501	Polyline	3859,3849	0.300	Z	
5502	Polyline	3849,3880	0.350	Z	
5503	Polyline	3851,13	0.316	Z	
5504	Polyline	3862,3866	0.100	Z	
5505	Polyline	3866,3857	0.150	Z	
5506	Polyline	3858,3848	0.300	Z	
5507	Polyline	3848,3881	0.350	Z	
5508	Polyline	3850,3885	0.650	Z	
5509	Polyline	3863,3867	0.100	Z	
5510	Polyline	3867,3856	0.150	Z	
5517	Polyline	3870,3835	0.350	Z	
5518	Polyline	3871,3834	0.350	Z	
5519	Polyline	3873,3838	0.350	Z	
5520	Polyline	3872,3839	0.350	Z	
5523	Polyline	3875,3841	0.050	Z	
5524	Polyline	3876,3842	0.050	Z	
5525	Polyline	3877,3843	0.050	Z	
5526	Polyline	3874,3840	0.050	Z	
5531	Polyline	3878,3847	0.250	Z	
5532	Polyline	3879,3846	0.250	Z	
5533	Polyline	3882,3860	0.150	Z	
5534	Polyline	3883,3861	0.150	Z	
5537	Polyline	3880,3851	0.250	Z	
5538	Polyline	3881,3850	0.250	Z	
5539	Polyline	3884,3862	0.150	Z	
5540	Polyline	3885,3863	0.150	Z	

1.3 MATERIALS

Matl. No.	Modulus E [kN/cm ²]	Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Spec. Weight γ [kN/m ³]	Coeff. of Th. Exp. α [1/°C]	Partial Factor γ _M [-]	Material Model
1	Steel S 235 EN 10025-2:2004-11 21000.00	8076.92	0.300	78.50	1.20E-05	1.00	Isotropic Linear Elastic
2	Poplar and Softwood Timber C16 EN 338:2016-04 800.00	50.00	7.000	3.70	5.00E-06	1.30	Isotropic Linear Elastic
3	Steel S 235 EN 10025-2:2004-11 21000.00	8076.92	0.300	78.50	1.20E-05	1.00	Isotropic Linear Elastic

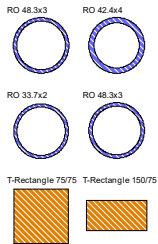
1.7 NODAL SUPPORTS

Support No.	Nodes No.	Axis System	Column in Z	u _x	u _y	u _z	φ _x	φ _y	φ _z
1	412-414,416-418	Global X,Y,Z	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



1.13 CROSS-SECTIONS

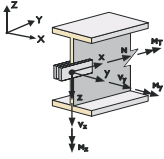
Section No.	Matl. No.	J [cm ⁴] A [cm ²]	I _y [cm ⁴] A _y [cm ²]	I _z [cm ⁴] A _z [cm ²]	Principal Axes α [°]	Rotation α' [°]	Overall Dimensions [mm]	
							Width b	Height h
1	RO 48.3x3 EN 10219-2:2006 3	22.00 4.27	11.00 2.13	11.00 2.13	0.00	0.00	48.3	48.3
2	RO 42.4x4 EN 10219-2:2006 3	18.00 4.63	8.99 2.42	8.99 2.42	0.00	0.00	42.4	42.4
3	RO 33.7x2 EN 10219-2:2006 3	5.02 1.99	2.51 0.99	2.51 0.99	0.00	0.00	33.7	33.7
4	RO 48.3x3 EN 10219-2:2006 3	22.00 4.27	11.00 2.13	11.00 2.13	0.00	0.00	48.3	48.3
5	T-Rectangle 75/75 2	445.08 56.25	263.67 46.87	263.67 46.87	0.00	0.00	75.0	75.0
6	T-Rectangle 150/75 2	1448.35 112.50	527.34 93.75	2109.38 93.75	0.00	0.00	150.0	75.0



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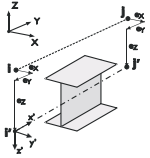
Date: 4/10/2023

1.14 MEMBER HINGES



Release No.	Reference System	Axial/Shear Release or Spring[kN/m]			Moment Release or Spring[kNm/rad]			Comment
		u _x	u _y	u _z	φ _x	φ _y	φ _z	
1	Local x,y,z	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

1.15/1 MEMBER ECCENTRICITIES - ABSOLUTE

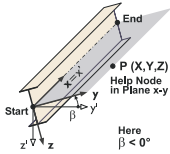


Ecc. No.	Reference System	Member Start - Eccentricity [mm]			Member End - Eccentricity			Member hinge location	
		e _{1,x}	e _{1,y}	e _{1,z}	e _{j,x}	e _{j,y}	e _{j,z}	Member Start	Member End
1	Global	0.0	-37.5	0.0	0.0	-37.5	0.0	at member	at member
2	Global	0.0	-150.0	0.0	0.0	-150.0	0.0	at member	at member
3	Global	0.0	37.5	0.0	0.0	37.5	0.0	at member	at member
4	Global	0.0	150.0	0.0	0.0	150.0	0.0	at member	at member
5	Global	-37.5	0.0	0.0	-37.5	0.0	0.0	at member	at member
6	Global	-150.0	0.0	0.0	-150.0	0.0	0.0	at member	at member
7	Global	-50.0	0.0	0.0	-50.0	0.0	0.0	at member	at member
8	Global	50.0	0.0	0.0	50.0	0.0	0.0	at member	at member
9	Global	0.0	-75.0	0.0	0.0	-75.0	0.0	at member	at member
10	Global	0.0	-187.5	0.0	0.0	-187.5	0.0	at member	at member

1.15/2 MEMBER ECCENTRICITIES - RELATIVE

Ecc. No.	Cross-Section Alignment		Transverse offset from cross-section of another obj.				Axial offset from adjacent	
	y-Axis	z-Axis	Object Type	Object No.	y-Axis	z-Axis	Member Sta	Member End
1	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
2	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
3	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
4	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
5	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
6	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
7	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
8	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
9	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>
10	Middle	Middle	None	0	Middle	Middle	<input type="checkbox"/>	<input type="checkbox"/>

1.17 MEMBERS



Mbr. No.	Line No.	Member	Rotation		Cross-Section		Hinge No.		Ecc. No.	Div. No.	Length L [m]	
			Type	β [°]	Start	End	Start	End				
1	44	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
2	47	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
3	46	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
4	45	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
5	48	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
6	50	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
7	49	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
8	51	Beam	Angle	0.00	3	3	-	1	-	-	1.026	
9	5	Beam	Angle	0.00	1	1	-	-	-	-	0.039	Z
10	6	Beam	Angle	0.00	1	1	-	-	-	-	0.039	Z
11	7	Beam	Angle	0.00	1	1	-	-	7	-	1.377	YZ
12	8	Beam	Angle	0.00	1	1	-	-	8	-	1.377	YZ
13	10	Beam	Angle	0.00	1	1	-	-	-	-	0.421	Z
14	9	Beam	Angle	0.00	1	1	-	-	7	-	0.839	YZ
15	12	Beam	Angle	0.00	1	1	-	-	-	-	0.421	Z
16	11	Beam	Angle	0.00	1	1	-	-	8	-	0.839	YZ
17	13	Beam	Angle	0.00	1	1	-	-	7	-	1.047	YZ
18	14	Beam	Angle	0.00	1	1	-	-	8	-	1.047	YZ
19	15	Beam	Angle	0.00	4	4	-	1	-	-	0.429	Y
20	16	Beam	Angle	0.00	4	4	-	1	-	-	0.429	Y
21	17	Beam	Angle	0.00	1	1	-	-	7	-	0.367	YZ
22	18	Beam	Angle	0.00	1	1	-	-	8	-	0.367	YZ
23	19	Beam	Angle	0.00	4	4	-	1	-	-	0.964	Y
24	20	Beam	Angle	0.00	4	4	-	1	-	-	0.964	Y
25	33	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
26	34	Beam	Angle	0.00	6	6	-	1	9	-	0.220	Z
27	35	Beam	Angle	0.00	6	6	1	-	9	-	0.280	Z
28	36	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
29	37	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
30	38	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
31	39	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
32	40	Beam	Angle	0.00	6	6	-	1	9	-	0.150	Z
33	41	Beam	Angle	0.00	6	6	1	-	9	-	0.350	Z
34	42	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
35	43	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
36	52	Beam	Angle	0.00	6	6	-	-	9	-	0.120	Z
37	53	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
38	54	Beam	Angle	0.00	6	6	-	1	9	-	0.220	Z
39	55	Beam	Angle	0.00	6	6	1	-	9	-	0.280	Z
40	56	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
41	57	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
42	58	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
43	59	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
44	60	Beam	Angle	0.00	6	6	-	1	9	-	0.150	Z
45	61	Beam	Angle	0.00	6	6	1	-	9	-	0.350	Z
46	62	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
47	63	Beam	Angle	0.00	6	6	-	-	9	-	0.500	Z
48	64	Beam	Angle	0.00	6	6	-	-	9	-	0.120	Z

Project: Model: Oikia Paidwn_wall gamma shaped_R04

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1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation		Cross-Section		Hinge No.		Ecc. No.	Div. No.	Length L [m]	
			Type	β [°]	Start	End	Start	End				
49	66	Beam	Angle	0.00	1	1	-	-	7	-	0.133	YZ
50	65	Beam	Angle	0.00	1	1	-	-	8	-	0.133	YZ
51	67	Beam	Angle	0.00	1	1	-	-	-	-	0.334	Z
52	68	Beam	Angle	0.00	1	1	-	-	-	-	0.334	Z
5439	5438	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5440	5440	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5441	5441	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5442	5442	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5443	5443	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5444	5444	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5445	5445	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5446	5446	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5447	5447	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5448	5448	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5449	5449	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5450	5450	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5451	5451	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5452	5452	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5453	5453	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5454	5454	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5455	5455	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5456	5456	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5457	5457	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5458	5458	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5459	5459	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5460	5460	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5461	5461	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5462	5462	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5463	5463	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5464	5464	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5465	5470	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5466	5469	Beam	Angle	0.00	1	1	-	-	-	-	0.061	Z
5467	5466	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5468	5465	Beam	Angle	0.00	1	1	-	-	-	-	0.279	Z
5469	5467	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5470	5468	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5471	5475	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5472	5476	Beam	Angle	0.00	1	1	-	-	-	-	0.061	Z
5473	5471	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5474	5472	Beam	Angle	0.00	1	1	-	-	-	-	0.279	Z
5475	5474	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5476	5473	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5477	5477	Beam	Angle	0.00	4	4	1	-	-	-	0.723	Y
5478	5478	Beam	Angle	0.00	4	4	1	-	-	-	0.188	Y
5479	5479	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5480	5480	Beam	Angle	0.00	4	4	1	-	-	-	0.723	Y
5481	5481	Beam	Angle	0.00	4	4	1	-	-	-	0.188	Y
5482	5482	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5483	5483	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5484	5484	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5485	5485	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5486	5486	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5487	5487	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5488	5488	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5489	5489	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5490	5490	Beam	Angle	0.00	3	3	1	-	-	-	1.026	
5491	5496	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5492	5497	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5493	5498	Beam	Angle	0.00	1	1	-	-	-	-	0.316	Z
5494	5499	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5495	5500	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5496	5491	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5497	5492	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5498	5493	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5499	5494	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5500	5495	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5501	5501	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5502	5502	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5503	5503	Beam	Angle	0.00	1	1	-	-	-	-	0.316	Z
5504	5504	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5505	5505	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5506	5506	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5507	5507	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5508	5508	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5509	5509	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5510	5510	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5517	5517	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5518	5518	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5519	5520	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5520	5519	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
5523	5526	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5524	5523	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5525	5524	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5526	5525	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5531	5531	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5532	5533	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5533	5532	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5534	5534	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5537	5537	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5538	5539	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5539	5538	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5540	5540	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5830	1	Beam	Angle	0.00	1	1	-	-	7	-	0.993	YZ
5831	2	Beam	Angle	0.00	1	1	-	-	7	-	1.721	YZ

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1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation		Cross-Section		Hinge No.		Ecc. No.	Div. No.	Length L [m]	
			Type	β [°]	Start	End	Start	End				
5832	3	Beam	Angle	0.00	1	1	-	-	8	-	0.993	YZ
5833	4	Beam	Angle	0.00	1	1	-	-	8	-	1.721	YZ
5834	21	Beam	Angle	0.00	6	6	-	-	9	-	0.280	Z
5835	22	Beam	Angle	0.00	6	6	-	-	9	-	0.280	Z
5836	23	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5837	24	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5838	25	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5839	26	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5840	27	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5841	28	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5842	29	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5843	30	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5844	31	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY
5845	32	Beam	Angle	0.00	5	5	-	-	10	-	1.501	XY

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
397	Continuous Members 5	Contin. member	5440,5465,5447,5517,5467,5451,5523,5469	1.850	
398	Continuous Members 6	Contin. member	5442,5466,9,5448,5518,5468,13,5452,5524,5470	1.850	
399	Continuous Members 7	Contin. member	5444,5471,5449,5519,5473,5453,5525,5475	1.850	
400	Continuous Members 8	Contin. member	5446,5472,10,5450,5520,5474,15,5454,5526,5476	1.850	
401	Continuous Members 17	Contin. member	5483,5491,5492,5531,5493,51,5532,5494,5495	2.050	
402	Continuous Members 18	Contin. member	5484,5496,5497,5533,5498,5534,5499,5500	2.050	
403	Continuous Members 17	Contin. member	5485,5501,5502,5537,5503,52,5538,5504,5505	2.050	
404	Continuous Members 18	Contin. member	5486,5506,5507,5539,5508,5540,5509,5510	2.050	
405	Continuous Members 405	Contin. member	49,21,17,14,5831	4.107	
406	Continuous Members 406	Contin. member	50,22,18,16,5833	4.107	
407	Continuous Members 407	Contin. member	11,5830	2.371	
408	Continuous Members 408	Contin. member	12,5832	2.371	

2.1 LOAD CASES

Load Case	Load Case Description	EN 1990 CEN Action Category	Self-Weight - Factor in Direction			
			Active	X	Y	Z
LC1	SW	Permanent	<input checked="" type="checkbox"/>	0.000	0.000	-1.000

2.1.1 LOAD CASES - CALCULATION PARAMETERS

Load Case	Load Case Description	Calculation Parameters
LC1	SW	Method of analysis : <input type="radio"/> Geometrically linear analysis Method for solving system of nonlinear algebraic equations : <input type="radio"/> Newton-Raphson Activate stiffness factors of: : <input checked="" type="checkbox"/> Cross-sections (factor for J, I _y , I _z , A, A _y , A _z) : <input checked="" type="checkbox"/> Members (factor for GJ, EI _y , EI _z , EA, GA _y , GA _z)

2.5 LOAD COMBINATIONS

Load Combin.	DS	Load Combination Description	No.	Factor	Load Case	
					LC1	SW
CO1	STR	1.35*LC1	1	1.35	LC1	SW
CO2	S Ch	LC1	1	1.00	LC1	SW
CO3	S Fr	LC1	1	1.00	LC1	SW
CO4	S Qp	LC1	1	1.00	LC1	SW

2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters
CO1	1.35*LC1	Method of analysis : <input type="radio"/> Second order analysis (P-Delta) Method for solving system of nonlinear algebraic equations : <input type="radio"/> Picard Options : <input checked="" type="checkbox"/> Consider favorable effects due to tension : <input checked="" type="checkbox"/> Refer internal forces to deformed system for: : <input checked="" type="checkbox"/> Normal forces N : <input checked="" type="checkbox"/> Shear forces V _y and V _z : <input checked="" type="checkbox"/> Moments M _y , M _z and M _t Activate stiffness factors of: : <input checked="" type="checkbox"/> Materials (partial factor γ_M) : <input checked="" type="checkbox"/> Cross-sections (factor for J, I _y , I _z , A, A _y , A _z) : <input checked="" type="checkbox"/> Members (factor for GJ, EI _y , EI _z , EA, GA _y , GA _z)
CO2	LC1	Method of analysis : <input type="radio"/> Second order analysis (P-Delta) Method for solving system of n : <input type="radio"/> Picard

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2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters
		nonlinear algebraic equations Options : <input checked="" type="checkbox"/> Consider favorable effects due to tension : <input checked="" type="checkbox"/> Refer internal forces to deformed system for: <input checked="" type="checkbox"/> Normal forces N <input checked="" type="checkbox"/> Shear forces V_y and V_z <input checked="" type="checkbox"/> Moments M_y , M_z and M_T Activate stiffness factors of: : <input checked="" type="checkbox"/> Materials (partial factor γ_M) : <input checked="" type="checkbox"/> Cross-sections (factor for J , I_y , I_z , A , A_y , A_z) : <input checked="" type="checkbox"/> Members (factor for GJ , EI_y , EI_z , EA , GA_y , GA_z)
CO3	LC1	Method of analysis : <input checked="" type="checkbox"/> Second order analysis (P-Delta) Method for solving system of nonlinear algebraic equations : <input checked="" type="checkbox"/> Picard Options : <input checked="" type="checkbox"/> Consider favorable effects due to tension : <input checked="" type="checkbox"/> Refer internal forces to deformed system for: <input checked="" type="checkbox"/> Normal forces N <input checked="" type="checkbox"/> Shear forces V_y and V_z <input checked="" type="checkbox"/> Moments M_y , M_z and M_T Activate stiffness factors of: : <input checked="" type="checkbox"/> Materials (partial factor γ_M) : <input checked="" type="checkbox"/> Cross-sections (factor for J , I_y , I_z , A , A_y , A_z) : <input checked="" type="checkbox"/> Members (factor for GJ , EI_y , EI_z , EA , GA_y , GA_z)
CO4	LC1	Method of analysis : <input checked="" type="checkbox"/> Second order analysis (P-Delta) Method for solving system of nonlinear algebraic equations : <input checked="" type="checkbox"/> Picard Options : <input checked="" type="checkbox"/> Consider favorable effects due to tension : <input checked="" type="checkbox"/> Refer internal forces to deformed system for: <input checked="" type="checkbox"/> Normal forces N <input checked="" type="checkbox"/> Shear forces V_y and V_z <input checked="" type="checkbox"/> Moments M_y , M_z and M_T Activate stiffness factors of: : <input checked="" type="checkbox"/> Materials (partial factor γ_M) : <input checked="" type="checkbox"/> Cross-sections (factor for J , I_y , I_z , A , A_y , A_z) : <input checked="" type="checkbox"/> Members (factor for GJ , EI_y , EI_z , EA , GA_y , GA_z)

2.7 RESULT COMBINATIONS

Result Combin	Description	Loading
RC1	ULS (STR/GEO) - Permanent / transient - Eq. 6.10	CO1/p
RC2	SLS - Characteristic	CO2/p
RC3	SLS - Frequent	CO3/p
RC4	SLS - Quasi-permanent	CO4/p
RC5	DLC1, Result Envelope Y 100%	
RC6		LC1/p + RC5

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN]			Support Moments [kNm]			Result Combinations
			P_x	P_y	P_z	M_x	M_y	M_z	
412	RC1	Max	-0.01	0.00	-1.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-1.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.10	0.07	8.11	0.00	0.00	0.01	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.10	-0.07	-8.11	0.00	0.00	-0.01	DLC1, Result Envelope Y 100%
RC6	Max	0.10	0.08	7.34	0.00	0.00	0.01		
	Min	-0.11	-0.07	-8.89	0.00	0.00	-0.01		
413	RC1	Max	0.00	0.01	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.01	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.05	0.20	0.54	0.00	0.00	0.02	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.05	-0.20	-0.54	0.00	0.00	-0.02	DLC1, Result Envelope Y 100%
RC6	Max	0.05	0.20	0.10	0.00	0.00	0.02		
	Min	-0.05	-0.19	-0.97	0.00	0.00	-0.02		
414	RC1	Max	0.00	-0.01	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

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■ 4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN]			Support Moments [kNm]			
			P _x	P _y	P _z	M _x	M _y	M _z	
414	RC2	Max	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-0.01	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.38	4.32	6.37	0.00	0.00	0.06	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.38	-4.32	-6.37	0.00	0.00	-0.06	DLC1, Result Envelope Y 100%
	RC6	Max	0.38	4.31	6.36	0.00	0.00	0.06	
		Min	-0.37	-4.32	-6.37	0.00	0.00	-0.06	
416	RC1	Max	0.01	0.00	-1.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-1.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.05	0.07	7.35	0.00	0.00	0.00	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.05	-0.07	-7.35	0.00	0.00	0.00	DLC1, Result Envelope Y 100%
RC6	Max	0.05	0.07	6.58	0.00	0.00	0.00		
	Min	-0.05	-0.07	-8.13	0.00	0.00	0.00		
417	RC1	Max	0.00	0.01	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.01	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.01	-0.44	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.04	0.19	0.59	0.00	0.00	0.02	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.04	-0.19	-0.59	0.00	0.00	-0.02	DLC1, Result Envelope Y 100%
RC6	Max	0.04	0.20	0.15	0.00	0.00	0.02		
	Min	-0.04	-0.18	-1.03	0.00	0.00	-0.02		
418	RC1	Max	0.00	-0.01	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	0.00	0.00	0.00	0.00	SLS - Quasi-permanent
	DLC1, Result Envelope Y 100%								
	RC5	Max	0.36	4.13	6.08	0.00	0.00	0.06	DLC1, Result Envelope Y 100%
	DLC1, Result Envelope Y 100%								
		Min	-0.36	-4.13	-6.08	0.00	0.00	-0.06	DLC1, Result Envelope Y 100%
RC6	Max	0.36	4.13	6.08	0.00	0.00	0.06		
	Min	-0.36	-4.14	-6.09	0.00	0.00	-0.06		

RF-STEEL EC3
CA1
Columns

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1.1 GENERAL DATA

Members to design:	11,12,14,16-18,21,22,49,50,5830-5833
Sets of members to design:	397-404
National Annex:	CEN
Ultimate Limit State Design	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10
Result combinations to design:	RC6 LC1/p + RC5

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm ²]	Shear Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm ²]	Max. Thickness t [mm]
3	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0

1.3 CROSS-SECTIONS



Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
1	3	RO 48.3x3 EN 10219-2:2006	Pipe	0.86	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.377	<input checked="" type="checkbox"/>	1.00	1.377	<input type="checkbox"/>	1.0	1.0	1.377	1.377
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.377	<input checked="" type="checkbox"/>	1.00	1.377	<input type="checkbox"/>	1.0	1.0	1.377	1.377
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.839	<input checked="" type="checkbox"/>	1.00	0.839	<input type="checkbox"/>	1.0	1.0	0.839	0.839
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.839	<input checked="" type="checkbox"/>	1.00	0.839	<input type="checkbox"/>	1.0	1.0	0.839	0.839
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.047	<input checked="" type="checkbox"/>	1.00	1.047	<input type="checkbox"/>	1.0	1.0	1.047	1.047
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.047	<input checked="" type="checkbox"/>	1.00	1.047	<input type="checkbox"/>	1.0	1.0	1.047	1.047
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.367	<input checked="" type="checkbox"/>	1.00	0.367	<input type="checkbox"/>	1.0	1.0	0.367	0.367
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.367	<input checked="" type="checkbox"/>	1.00	0.367	<input type="checkbox"/>	1.0	1.0	0.367	0.367
49	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.133	<input checked="" type="checkbox"/>	1.00	0.133	<input type="checkbox"/>	1.0	1.0	0.133	0.133
50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.133	<input checked="" type="checkbox"/>	1.00	0.133	<input type="checkbox"/>	1.0	1.0	0.133	0.133
5830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.993	<input checked="" type="checkbox"/>	1.00	0.993	<input type="checkbox"/>	1.0	1.0	0.993	0.993
5831	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.721	<input checked="" type="checkbox"/>	1.00	1.721	<input type="checkbox"/>	1.0	1.0	1.721	1.721
5832	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.993	<input checked="" type="checkbox"/>	1.00	0.993	<input type="checkbox"/>	1.0	1.0	0.993	0.993
5833	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.721	<input checked="" type="checkbox"/>	1.00	1.721	<input type="checkbox"/>	1.0	1.0	1.721	1.721

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
397	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.850	<input checked="" type="checkbox"/>	1.50	2.775	<input type="checkbox"/>	1.0	1.0	1.850	1.850
398	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.850	<input checked="" type="checkbox"/>	1.50	2.775	<input type="checkbox"/>	1.0	1.0	1.850	1.850
399	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.850	<input checked="" type="checkbox"/>	1.50	2.775	<input type="checkbox"/>	1.0	1.0	1.850	1.850
400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.850	<input checked="" type="checkbox"/>	1.50	2.775	<input type="checkbox"/>	1.0	1.0	1.850	1.850
401	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.050	<input checked="" type="checkbox"/>	1.50	3.075	<input type="checkbox"/>	1.0	1.0	2.050	2.050
402	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.050	<input checked="" type="checkbox"/>	1.50	3.075	<input type="checkbox"/>	1.0	1.0	2.050	2.050
403	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.050	<input checked="" type="checkbox"/>	1.50	3.075	<input type="checkbox"/>	1.0	1.0	2.050	2.050
404	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	2.050	<input checked="" type="checkbox"/>	1.50	3.075	<input type="checkbox"/>	1.0	1.0	2.050	2.050

1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
11	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
12	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
14	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
16	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
17	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>

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1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
18	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
21	Cross-sectional area for tension design	<input type="checkbox"/>
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
22	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
	49	Cross-Section
Shear panel		<input type="checkbox"/>
Rotational restraint		<input type="checkbox"/>
Cross-sectional area for tension design		<input type="checkbox"/>
50		Cross-Section
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
	5830	Cross-Section
Shear panel		<input type="checkbox"/>
Rotational restraint		<input type="checkbox"/>
Cross-sectional area for tension design		<input type="checkbox"/>
5831		Cross-Section
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
	5832	Cross-Section
Shear panel		<input type="checkbox"/>
Rotational restraint		<input type="checkbox"/>
Cross-sectional area for tension design		<input type="checkbox"/>
5833		Cross-Section
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>

1.13 PARAMETERS - SETS OF MEMBERS

Set No.	Description	Parameter
397	Set of Members	Continuous Members 5
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
398	Set of Members	Continuous Members 6
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
399	Set of Members	Continuous Members 7
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
400	Set of Members	Continuous Members 8
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
401	Set of Members	Continuous Members 17
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
402	Set of Members	Continuous Members 18
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
403	Set of Members	Continuous Members 17
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
404	Set of Members	Continuous Members 18
	Cross-Section	1 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
397	Continuous Members 5 (Member No. 5440,5465,5447,5517,5467,5451,5523,5469)						
	5469	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5440	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5440	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5469	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5465	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5467	0.700	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5440	0.150	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5440	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5440	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5440	0.000	RC6	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
398	Continuous Members 6 (Member No. 5442,5466,9,5448,5518,5468,13,5452,5524,5470)						
	13	0.210	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	5468	0.279	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5448	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5452	0.025	RC6	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5466	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5452	0.025	RC6	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5466	0.061	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5468	0.279	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	13	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5466	0.061	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5448	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	399	Continuous Members 7 (Member No. 5444,5471,5449,5519,5473,5453,5525,5475)					
5475		0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
5444		0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
5475		0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
5475		0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
5475		0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
5473		0.700	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
5473		0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5444		0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
5444		0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
5444		0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
400	Continuous Members 8 (Member No. 5446,5472,10,5450,5520,5474,15,5454,5526,5476)						
	15	0.210	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	5474	0.279	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5450	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5454	0.000	RC6	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5472	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	15	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5454	0.000	RC6	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5472	0.061	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5454	0.025	RC6	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	15	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5472	0.061	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5450	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	401	Continuous Members 17 (Member No. 5483,5491,5492,5531,5493,51,5532,5494,5495)					
51		0.167	RC1	0.00	≤ 1	CS100)	Negligible internal forces
5493		0.316	RC6	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
5493		0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
5494		0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
5492		0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
5493		0.000	RC6	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	5493	0.000	RC6	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5494	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	51	0.000	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5491	0.300	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5491	0.150	RC6	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5493	0.316	RC6	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5493	0.000	RC6	0.86	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
402	Continuous Members 18 (Member No. 5484,5496,5497,5533,5498,5534,5499,5500)						
	5484	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5484	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5499	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5498	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5484	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5499	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5499	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5498	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5533	0.250	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5533	0.250	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
403	Continuous Members 17 (Member No. 5485,5501,5502,5537,5503,52,5538,5504,5505)						
	52	0.167	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5503	0.316	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5503	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5504	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5502	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5503	0.000	RC6	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5503	0.316	RC6	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5504	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	52	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5501	0.300	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5503	0.316	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5503	0.316	RC6	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5503	0.000	RC6	0.80	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
404	Continuous Members 18 (Member No. 5486,5506,5507,5539,5508,5540,5509,5510)						
	5486	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5486	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5509	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5508	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5486	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5508	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5509	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5508	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5539	0.250	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5539	0.250	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
9	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.039	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.039	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	1.377	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	1.377	RC6	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.377	RC6	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
12	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	1.377	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	1.377	RC6	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.377	RC6	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
13	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.210	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.421	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.421	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
14	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.168	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.839	RC6	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC6	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
15	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.210	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.421	RC6	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.421	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
16	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.168	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.839	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description		
17	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
	0.000	RC6	0.00	≤ 1	CS221)			
	0.000	RC6	0.14	≤ 1	ST364)			
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	0.873	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Resulting shear force acc. to 6.2.6 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
	1.047	RC6	0.08	≤ 1	CS101)			
	0.000	RC6	0.08	≤ 1	CS102)			
	1.047	RC1	0.00	≤ 1	CS111)			
	1.047	RC6	0.00	≤ 1	CS121)			
	0.000	RC6	0.00	≤ 1	CS123)			
1.047	RC6	0.00	≤ 1	CS128)				
1.047	RC1	0.00	≤ 1	CS141)				
1.047	RC6	0.01	≤ 1	CS221)				
0.000	RC6	0.22	≤ 1	ST364)				
18	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	0.873	RC1	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Resulting shear force acc. to 6.2.6 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	1.047	RC6	0.08	≤ 1	CS101)			
	0.000	RC6	0.07	≤ 1	CS102)			
	1.047	RC1	0.00	≤ 1	CS111)			
	1.047	RC6	0.00	≤ 1	CS121)			
	0.000	RC6	0.00	≤ 1	CS123)			
	1.047	RC6	0.00	≤ 1	CS128)			
	1.047	RC1	0.00	≤ 1	CS141)			
	1.047	RC6	0.01	≤ 1	CS221)			
0.000	RC6	0.21	≤ 1	ST364)				
21	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Resulting shear force acc. to 6.2.6 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
	0.367	RC6	0.08	≤ 1	CS101)			
	0.000	RC6	0.08	≤ 1	CS102)			
	0.367	RC6	0.01	≤ 1	CS111)			
	0.367	RC6	0.02	≤ 1	CS121)			
	0.000	RC6	0.01	≤ 1	CS123)			
	0.367	RC6	0.02	≤ 1	CS128)			
	0.367	RC6	0.01	≤ 1	CS141)			
	0.367	RC1	0.00	≤ 1	CS161)			
0.367	RC6	0.06	≤ 1	CS221)				
0.000	RC6	0.37	≤ 1	ST364)				
22	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	0.000	RC1	0.00	≤ 1	CS100)		Negligible internal forces Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Shear force in y-axis acc. to 6.2.6 Cross-section check - Resulting shear force acc. to 6.2.6 Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	0.367	RC6	0.08	≤ 1	CS101)			
	0.000	RC6	0.08	≤ 1	CS102)			
	0.367	RC6	0.01	≤ 1	CS111)			
	0.367	RC6	0.02	≤ 1	CS121)			
	0.000	RC6	0.01	≤ 1	CS123)			
	0.367	RC6	0.02	≤ 1	CS128)			
	0.367	RC6	0.01	≤ 1	CS141)			
	0.367	RC6	0.06	≤ 1	CS221)			
0.000	RC6	0.36	≤ 1	ST364)				
49	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							
	0.133	RC6	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3 Cross-section check - Compression acc. to 6.2.4 Cross-section check - Shear force in z-axis acc. to 6.2.6 Cross-section check - Torsion acc. to 6.2.7 Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and shear force acc. to 6.2.7(9) Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1 Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9 Cross-section check - Axial stress and torsion - Elastic design Stability analysis - Bending and compression acc. to 6.3.3, Method 2		
	0.000	RC6	0.02	≤ 1	CS102)			
	0.000	RC1	0.01	≤ 1	CS121)			
	0.000	RC6	0.10	≤ 1	CS131)			
	0.000	RC6	0.12	≤ 1	CS132)			
	0.000	RC6	0.01	≤ 1	CS137)			
	0.000	RC6	0.12	≤ 1	CS139)			
	0.133	RC1	0.01	≤ 1	CS201)			
	0.000	RC1	0.00	≤ 1	CS221)			
0.000	RC6	0.26	≤ 1	CS226)				
0.000	RC6	0.72	≤ 1	CS271)				
0.000	RC6	0.57	≤ 1	ST364)				
50	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006							

Project:

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description	
	0.133	RC6	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC6	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7	
	0.000	RC6	0.11	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC6	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)	
	0.000	RC6	0.11	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)	
	0.133	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC6	0.23	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC6	0.67	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design	
	0.000	RC6	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
	51	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
		0.167	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC6	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
52	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.167	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC6	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC6	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
5440	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.150	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
	0.150	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC6	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5442	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.150	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.150	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
5444	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.150	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.150	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)	
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5446	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.150	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.150	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	0.000	RC6	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5447	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006						
	0.350	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC6	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5448	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5449	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5450	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5451	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5452	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC6	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC6	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5453	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.050	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5454	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC6	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC6	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5465	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5466	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					

Project:

Model: Oikia Paidwn_wall gamma shaped_R04

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.061	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.061	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.061	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5467	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.700	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5468	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.279	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.279	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.279	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5469	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5470	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5471	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5472	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.061	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.061	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.061	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5473	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.700	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5474	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.279	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.279	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.279	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5475	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

Project:

Model: Oikia Paidwn_wall gamma shaped_R04

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5476	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5483	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.83	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5484	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5485	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.78	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5486	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5491	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.300	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC6	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5492	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.83	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5493	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.316	RC6	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC6	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.316	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.316	RC6	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.86	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5494	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5495	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
5496	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5497	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5498	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.162	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5499	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5500	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
5501	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.300	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.78	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5502	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5503	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.78	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.316	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.316	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.316	RC6	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.316	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.316	RC6	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC6	0.80	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5504	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
5505	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
5506	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5507	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5508	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.162	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
5509	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
5510	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.100	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
5517	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5511	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
5512	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.350	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5513	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC6	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description
5518	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.350	RC6	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.16	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5519	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.350	RC6	0.07	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.41	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5520	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.350	RC6	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.16	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5523	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC6	0.07	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.44	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5524	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC6	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.03	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC6	0.03	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC6	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5525	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.050	RC6	0.07	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.08	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.41	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5526	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC6	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.03	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC6	0.03	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC6	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5531	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.250	RC6	0.07	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.09	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.000	RC6	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC6	0.01	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
0.000	RC6	0.83	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5532	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.000	RC1	0.00	≤ 1	CS100) Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
0.000	RC6	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
5533	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5534	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
5537	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.250	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC6	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.250	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.250	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC6	0.78	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5538	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
5539	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000	RC6	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.250	RC6	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
0.250	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
5540	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
5830	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
0.166	RC6	0.00	≤ 1	CS100)	Negligible internal forces	
0.993	RC6	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC6	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
0.993	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.993	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.000	RC6	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
0.993	RC6	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6	
0.993	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.000	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC6	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	
5831	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006					
1.549	RC6	0.00	≤ 1	CS100)	Negligible internal forces	
1.721	RC6	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
0.000	RC6	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
1.721	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
0.000	RC6	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6	
1.721	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
0.688	RC6	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.000	RC6	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
0.000	RC6	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Equation No.	Description
					2
5832	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	0.166	RC6	0.00	≤ 1	CS100) Negligible internal forces
	0.993	RC6	0.02	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.02	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	0.993	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.993	RC6	0.00	≤ 1	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.01	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.993	RC6	0.01	≤ 1	CS128) Cross-section check - Resulting shear force acc. to 6.2.6
	0.993	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.01	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.16	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5833	Cross-section No. 1 - RO 48.3x3 EN 10219-2:2006				
	1.549	RC6	0.00	≤ 1	CS100) Negligible internal forces
	1.721	RC6	0.07	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.07	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4
	1.721	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS123) Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.721	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.688	RC6	0.07	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.02	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC6	0.31	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2

RF-STEEL EC3
CA2
Horizontal

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1.1 GENERAL DATA

Members to design:	19,20,23,24,5459-5464,5477-5482
Sets of members to design:	
National Annex:	CEN
Ultimate Limit State Design	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10
Result combinations to design:	RC6 LC1/p + RC5

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm ²]	Shear Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm ²]	Max. Thickness t [mm]
3	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0



1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
4	3	RO 48.3x3 EN 10219-2:2006	Pipe	0.04	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.429	<input checked="" type="checkbox"/>	1.00	0.429	<input type="checkbox"/>	1.0	1.0	0.429	0.429
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.429	<input checked="" type="checkbox"/>	1.00	0.429	<input type="checkbox"/>	1.0	1.0	0.429	0.429
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.964	<input checked="" type="checkbox"/>	1.00	0.964	<input type="checkbox"/>	1.0	1.0	0.964	0.964
24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.964	<input checked="" type="checkbox"/>	1.00	0.964	<input type="checkbox"/>	1.0	1.0	0.964	0.964
5459	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5460	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5461	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5462	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5463	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5464	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5477	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.723	<input checked="" type="checkbox"/>	1.00	0.723	<input type="checkbox"/>	1.0	1.0	0.723	0.723
5478	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.188	<input checked="" type="checkbox"/>	1.00	0.188	<input type="checkbox"/>	1.0	1.0	0.188	0.188
5479	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152
5480	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.723	<input checked="" type="checkbox"/>	1.00	0.723	<input type="checkbox"/>	1.0	1.0	0.723	0.723
5481	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	0.188	<input checked="" type="checkbox"/>	1.00	0.188	<input type="checkbox"/>	1.0	1.0	0.188	0.188
5482	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.152	<input checked="" type="checkbox"/>	1.00	1.152	<input type="checkbox"/>	1.0	1.0	1.152	1.152

1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
19	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
20	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
23	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
24	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5459	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5460	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5461	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>

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1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
5462	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5463	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5464	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5477	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5478	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5479	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5480	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5481	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5482	Cross-Section	4 - RO 48.3x3 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description	
19	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.429	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.214	RC6	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.429	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.214	RC6	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.429	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
	20	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
		0.429	RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.429		RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
0.429		RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
23	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006						
	0.482	RC1	0.00	≤ 1	CS100)	Negligible internal forces	
	0.000	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6	
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	0.643	RC6	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1	
	0.964	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	24	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
0.643		RC1	0.00	≤ 1	CS100)	Negligible internal forces	
0.000		RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3	

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.964	RC6	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
5459	0.000	RC6	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
5460	0.823	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
5461	0.000	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.329	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
5462	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.329	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
5463	1.152	RC6	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC6	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.658	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
5464	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.329	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
5477	0.362	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.723	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
5478	0.000	RC6	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8 Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.723	RC6	0.00	≤ 1	CS161)	
	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC6	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.188	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
0.188	RC6	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
5479	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.165	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.494	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.494	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.823	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5480	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.362	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.723	RC6	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC6	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.723	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5481	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC6	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.188	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.188	RC6	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5482	Cross-section No. 4 - RO 48.3x3 EN 10219-2:2006				
0.165		RC6	0.00	≤ 1	CS100)	Negligible internal forces
0.494		RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.152		RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.494		RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.152		RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.823		RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

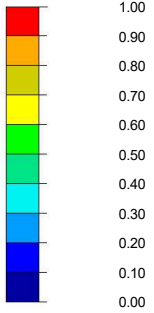
■ DESIGN RATIO

RF-STEEL EC3 CA2

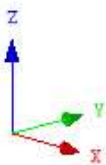
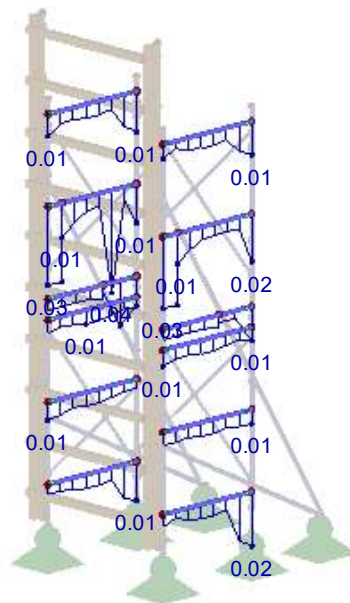
Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric

Max
Design Ratio [-]



Max : 0.04
Min : 0.00



Max Design Ratio: 0.04

RF-STEEL EC3
CA3
Diagonals

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1.1 GENERAL DATA

Members to design:	1-8,5455-5458,5487-5490
Sets of members to design:	
National Annex:	CEN
Ultimate Limit State Design	
Result combinations to design:	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10 RC6 LC1/p + RC5

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm ²]	Shear Modulus G [kN/cm ²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm ²]	Max. Thickness t [mm]
3	Steel S 235 EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0



1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
3	3	RO 33.7x2 EN 10219-2:2006	Pipe	0.04	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5455	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5456	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5457	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5458	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5487	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5488	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5489	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026
5490	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.00	1.026	<input checked="" type="checkbox"/>	1.00	1.026	<input type="checkbox"/>	1.0	1.0	1.026	1.026

1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
1	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
2	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
3	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
4	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
6	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
7	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>

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1.12 PARAMETERS - MEMBERS

Member No.	Description	Parameter
8	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5455	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5456	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5457	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5458	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5487	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5488	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5489	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>
5490	Cross-Section	3 - RO 33.7x2 EN 10219-2:2006
	Shear panel	<input type="checkbox"/>
	Rotational restraint	<input type="checkbox"/>
	Cross-sectional area for tension design	<input type="checkbox"/>

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design	Equation No.	Description	
1	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.684	RC6	0.00	≤ 1	CS100) Negligible internal forces	
	1.026	RC6	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.00	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.026	RC6	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
	2	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
		0.684	RC6	0.00	≤ 1	CS100) Negligible internal forces
1.026		RC6	0.00	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
0.000		RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
1.026		RC6	0.01	≤ 1	CS116) Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2	
0.000		RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
1.026		RC6	0.01	≤ 1	CS151) Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8	
0.000		RC6	0.00	≤ 1	CS161) Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9	
1.026		RC6	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
0.855		RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	
3	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.684	RC6	0.00	≤ 1	CS100) Negligible internal forces	
	1.026	RC6	0.01	≤ 1	CS101) Cross-section check - Tension acc. to 6.2.3	
	0.000	RC6	0.01	≤ 1	CS102) Cross-section check - Compression acc. to 6.2.4	
	0.000	RC1	0.00	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2	
	0.000	RC1	0.00	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8	
	1.026	RC6	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1	
	0.000	RC6	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9	

Project:

Model: Oikia Paidwn_wall gamma shaped_R04

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
4	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.684	RC6	0.00	≤ 1	CS100	Negligible internal forces
	1.026	RC6	0.01	≤ 1	CS101	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.026	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.684	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	1.026	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.026	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.684	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.026	RC6	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.026	RC6	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	7	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.855		RC1	0.00	≤ 1	CS100)	Negligible internal forces
0.513		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.026		RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
0.513		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
1.026		RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
0.000		RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8		Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.855	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.513	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.855	RC6	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.513	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.855	RC6	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5455	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.342		RC6	0.00	≤ 1	CS100)	Negligible internal forces
1.026		RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
0.000		RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
1.026		RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
1.026		RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
0.171		RC6	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
1.026		RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5456	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.342	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.342	RC6	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.342	RC6	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.026	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5457	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
0.342		RC6	0.00	≤ 1	CS100)	Negligible internal forces

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2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Equation No.	Description
	1.026	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.026	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.026	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.026	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5458	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006				
	0.342	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	1.026	RC6	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.026	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.026	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.026	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5487	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.513	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	1.026	RC6	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.026	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.026	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.026	RC6	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5488	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.513	RC6	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC6	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.026	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.026	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.026	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC6	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
5489	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.171	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.513	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.513	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.171	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5490	Cross-section No. 3 - RO 33.7x2 EN 10219-2:2006					
	0.171	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.513	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC6	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.513	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC6	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.171	RC6	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

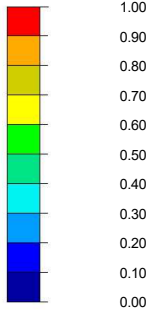
■ DESIGN RATIO

RF-STEEL EC3 CA3

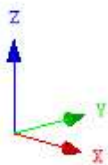
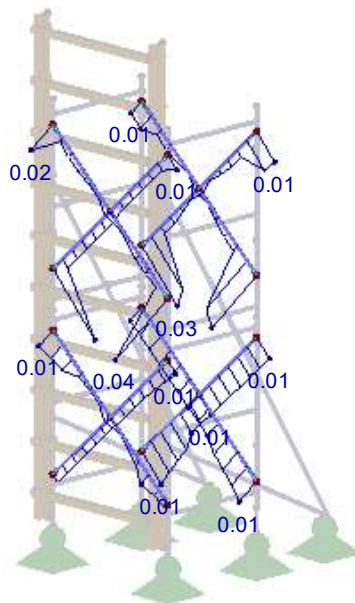
Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric

Max
Design Ratio [-]



Max : 0.04
Min : 0.00



Max Design Ratio: 0.04

RF-TIMBER Pro
CA2
Beams

Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

1.1.1 GENERAL DATA

Members to design:	5836-5845
Design according to Standard:	EN 1995-1-1:2004/A2:2014
Ultimate Limit State Design	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10
Result combinations to design:	RC6 LC1/p + RC5

1.2 MATERIALS

Matl. No.	Description	Factor Category	Comment
2	Poplar and Softwood Timber C16 EN 338-16	Solid Timber	

1.3.1 CROSS-SECTIONS



Sect. No.	Matl. No.	Cross-section Description [mm]	Max Design Ratio	Comment
5	2	T-Rectangle 75/75	0.10	

1.4 LOAD DURATION AND SERVICE CLASS

LC/CO/RC	LC, CO or RC Description	Load Case Type	Classification of Load Duration
LC1	SW	Permanent	Permanent
RC1	ULS (STR/GEO) - Permanent / transient - Eq. 6.10	-	Permanent
RC6	LC1/p + RC5	-	Permanent

Service Class SECL

Service Class 1: Identical for All Members/Sets of Members

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling		
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	Define L_{cr} / M_{cr}	L_{cr} [m] / M_{cr} [kNm]
5836	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5837	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5838	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5839	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5840	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5841	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5842	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5843	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5844	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501
5845	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	1.000	1.501	<input checked="" type="checkbox"/>	As member length	1.501

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design	Design No.	Description
5836	Cross-section No. 5 - T-Rectangle 75/75				
	0.334	RC6	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC6	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC1	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	RC6	0.01	≤ 1	152) Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
5837	Cross-section No. 5 - T-Rectangle 75/75				
	0.334	RC6	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC6	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC1	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC6	0.07	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
5838	Cross-section No. 5 - T-Rectangle 75/75				
	1.167	RC6	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	1.501	RC6	0.02	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.501	RC1	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC6	0.10	≤ 1	153) Cross-section resistance - Biaxial bending acc. to 6.1.6
5839	Cross-section No. 5 - T-Rectangle 75/75				
	0.334	RC6	0.00	≤ 1	100) Cross-section resistance - Negligible internal forces
	0.000	RC6	0.01	≤ 1	111) Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.01	≤ 1	121) Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC1	0.01	≤ 1	151) Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.000	RC6	0.07	≤ 1	163) Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

Project:

Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/RC	Design		Design No.	Description
	0.000	RC6	0.07	≤ 1	173)	6.2.3 Cross-section resistance - Biaxial bending and compression acc. to 6.2.4
	0.000	RC6	0.08	≤ 1	333)	Member with biaxial bending and compression acc. to 6.3.2 - Buckling about both axes
5840	Cross-section No. 5 - T-Rectangle 75/75					
	0.334	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.501	RC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.834	RC6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.501	RC6	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	1.501	RC6	0.05	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
5841	Cross-section No. 5 - T-Rectangle 75/75					
	1.167	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.501	RC6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	1.501	RC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	RC6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC6	0.06	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
5842	Cross-section No. 5 - T-Rectangle 75/75					
	1.167	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.501	RC6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.501	RC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	RC6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC6	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC6	0.06	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3
5843	Cross-section No. 5 - T-Rectangle 75/75					
	1.167	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.501	RC6	0.02	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.501	RC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	1.501	RC6	0.09	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
5844	Cross-section No. 5 - T-Rectangle 75/75					
	1.167	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	1.501	RC6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	1.501	RC1	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.834	RC6	0.02	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	1.501	RC6	0.07	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
5845	Cross-section No. 5 - T-Rectangle 75/75					
	0.334	RC6	0.00	≤ 1	100)	Cross-section resistance - Negligible internal forces
	0.000	RC6	0.01	≤ 1	111)	Cross-section resistance - Shear due to shear force Vz acc. to 6.1.7
	0.000	RC6	0.00	≤ 1	121)	Cross-section resistance - Shear due to torsion acc. to 6.1.8
	0.000	RC6	0.01	≤ 1	151)	Cross-section resistance - Uniaxial bending acc. to 6.1.6
	0.667	RC6	0.01	≤ 1	152)	Cross-section resistance - Uniaxial bending about z-axis acc. to 6.1.6
	0.000	RC6	0.05	≤ 1	153)	Cross-section resistance - Biaxial bending acc. to 6.1.6
	0.000	RC6	0.04	≤ 1	163)	Cross-section resistance - Biaxial bending and tension acc. to 6.2.3

Project: Model: Oikia Paidwn_wall gamma shaped_R04

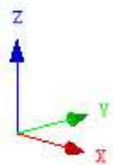
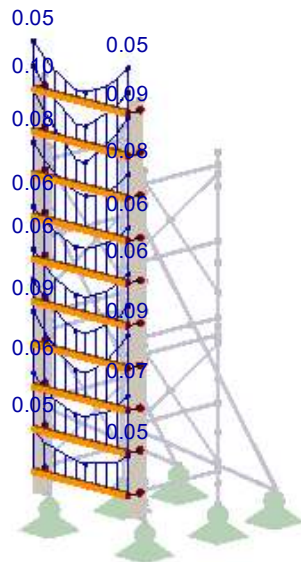
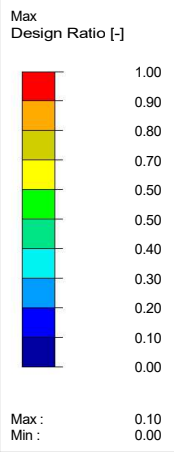
Date: 4/10/2023

DESIGN: ULTIMATE LIMIT STATE - CROSS-SECTION DESIGN

RF-TIMBER Pro CA2

Ultimate Limit State - Cross-Section Design

Isometric



Max Design Ratio: 0.10

Project: Model: Oikia Paidwn_wall gamma shaped_R04

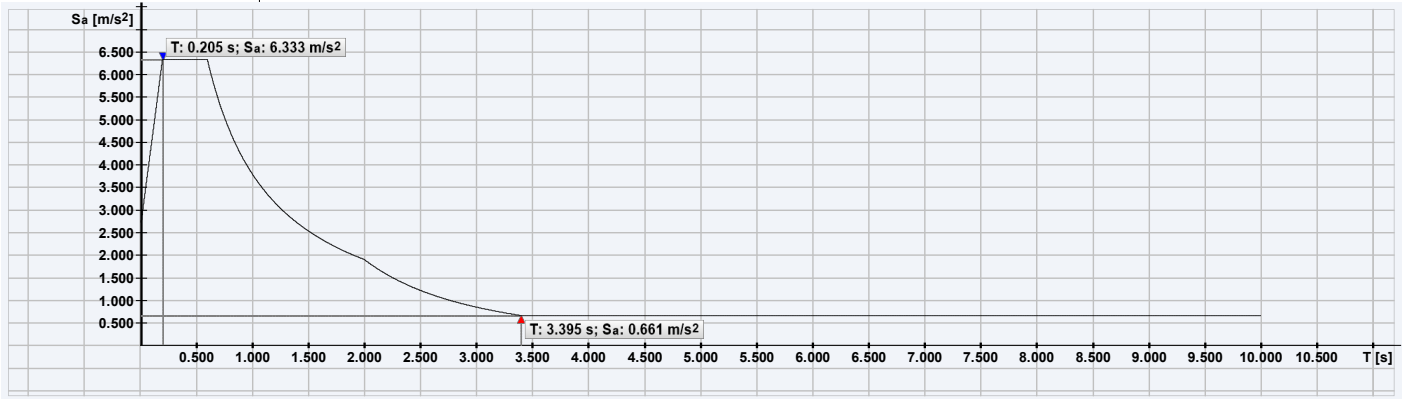
Date: 4/10/2023

1.5.2 RESPONSE SPECTRA - STANDARD PARAMETERS

No.	Response Spectrum Description	Mass Case Parameters
		Ground type : C Soil factor S : 1.1500 Lower limit of area of constant spectral acceleration (horizontal) T_{B-H} : 0.2000 Upper limit of area of constant spectral acceleration (horizontal) T_{C-H} : 0.6000 Value defining the beginning of area of constant displacements of spectrum (horizontal) T_{D-H} : 2.0000
		Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000
RS2		Type of Spectrum : Design spectrum for linear calculation Type of Spectrum : 1 Spectrum direction : Vertical spectrum
		Earthquake action Reference peak ground acceleration a_{gR} : 2.3600 Importance factor γ_I : 1.4 Design ground acceleration (vertical) a_{gV} : 2.9736
		Parameter for description of response spectrum Ground type : C Soil factor S : 1.1500 Lower limit of area with constant spectral acceleration (vertical) T_{B-V} : 0.0500 Upper limit of area with constant spectral acceleration (vertical) T_{C-V} : 0.1500 Value defining the beginning of area of constant displacements of spectrum (vertical) T_{D-V} : 1.0000
		Factors Behavior factor q : 1.5000 Limit value for horizontal design spectrum β : 0.2000

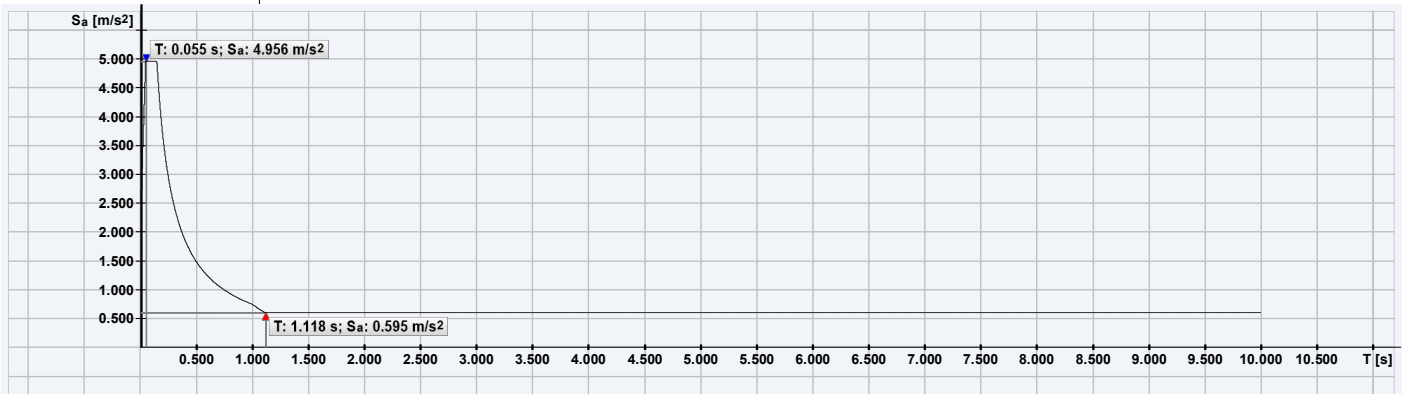
1.5.3.1 RESPONSE SPECTRA - GRAPH

RS1



1.5.3.2 RESPONSE SPECTRA - GRAPH

RS2



Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

1.8.1 DYNAMIC LOAD CASES - GENERAL

DLC Case	Dynamic Load Cases Description	Parameters
DLC1		Method Type : Response spectrum analysis (response spectrum required) Assign Natural Vibration : Natural Vibration Case: NVC1

1.8.2.1 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS

DLC Case	Dynamic Load Cases Description	Parameters
DLC1		Assign Response Spectrum - Supports <input checked="" type="checkbox"/> On all supports identically Assign response spectrum: Response Spectrum in Direction <input checked="" type="checkbox"/> y: RS1 - Multiplication factor 1.000 Rotate a_x a_y about Z: $\alpha = 0.00$ [°] Combination Rules: Modal response combination rule: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> CQC Combination of directional components: <input type="checkbox"/> SRSS <input checked="" type="checkbox"/> 100 / 30 % <input type="checkbox"/> 100 / 40 % Options <input type="checkbox"/> Use equivalent linear combination Generate: <input checked="" type="checkbox"/> Create result combination Number of first generated result combination: 5 Lehr's damping: D = 0.040 [-]

1.8.2.2 DYNAMIC LOAD CASES - RESPONSE SPECTRUM ANALYSIS - MODE SHAPES TO GENERATE

DLC Case	Dynamic Load Cases Description	Mode No.	To generate	Frequency		Period T [s]	Acceleration S_a [m/s ²]
				ω [rad/s]	f [Hz]		
DLC1		1	<input checked="" type="checkbox"/>	8.274	1.317	0.759	5.003
		2	<input checked="" type="checkbox"/>	15.509	2.468	0.405	6.333
		3	<input checked="" type="checkbox"/>	20.966	3.337	0.300	6.333
		4	<input checked="" type="checkbox"/>	24.593	3.914	0.255	6.333
		5	<input checked="" type="checkbox"/>	32.403	5.157	0.194	6.217
		6	<input checked="" type="checkbox"/>	39.969	6.361	0.157	5.520
		7	<input checked="" type="checkbox"/>	41.403	6.589	0.152	5.416
		8	<input checked="" type="checkbox"/>	52.293	8.323	0.120	4.816
		9	<input checked="" type="checkbox"/>	61.548	9.796	0.102	4.473
		10	<input checked="" type="checkbox"/>	62.857	10.004	0.100	4.432

NVC1

5.1 NATURAL FREQUENCIES

NVC1

Mode No.	Eigenvalue λ [1/s ²]	Angular frequency ω [rad/s]	Natural Frequency f [Hz]	Natural Period T [s]
1	68.453	8.274	1.317	0.759
2	240.537	15.509	2.468	0.405
3	439.575	20.966	3.337	0.300
4	604.809	24.593	3.914	0.255
5	1049.938	32.403	5.157	0.194
6	1597.487	39.969	6.361	0.157
7	1714.193	41.403	6.589	0.152
8	2734.519	52.293	8.323	0.120
9	3788.132	61.548	9.796	0.102
10	3951.059	62.857	10.004	0.100

NVC1

5.7 EFFECTIVE MODAL MASS FACTORS

NVC1

Mode No.	Modal Mass M_i [kg]	Effective Modal Mass						Effective Modal Mass Factor		
		m_{eX} [kg]	m_{eY} [kg]	m_{eZ} [kg]	$m_{\phi X}$ [kg.m ²]	$m_{\phi Y}$ [kg.m ²]	$m_{\phi Z}$ [kg.m ²]	f_{meX} [-]	f_{meY} [-]	f_{meZ} [-]
1	1866.52	3055.17	0.01	0.00	0.02	155.88	3.02	0.944	0.000	0.000
2	572.80	102.15	0.72	0.07	1.99	4952.93	39.91	0.032	0.000	0.000
3	288.63	0.30	621.20	70.50	1984.93	4.37	0.33	0.000	0.192	0.022
4	369.16	7.90	0.03	0.01	0.07	491.98	253.18	0.002	0.000	0.000

Project: Model: Oikia Paidwn_wall gamma shaped_R04

Date: 4/10/2023

5.7 EFFECTIVE MODAL MASS FACTORS

NVC1

Mode No.	Modal Mass M_i [kg]	Effective Modal Mass						Effective Modal Mass Factor		
		m_{ex} [kg]	m_{ey} [kg]	m_{ez} [kg]	$m_{\phi x}$ [kg.m ²]	$m_{\phi y}$ [kg.m ²]	$m_{\phi z}$ [kg.m ²]	f_{meX} [-]	f_{meY} [-]	f_{meZ} [-]
5	912.45	4.71	3.08	0.11	3.58	9.04	103.67	0.001	0.001	0.000
6	482.40	0.01	1008.06	0.81	366.05	0.05	1.98	0.000	0.311	0.000
7	592.12	3.83	1.34	0.01	0.43	0.47	460.50	0.001	0.000	0.000
8	652.27	9.69	4.21	0.81	0.26	15.32	116.02	0.003	0.001	0.000
9	195.23	0.01	1006.08	420.44	903.10	0.25	2.48	0.000	0.311	0.130
10	182.52	4.31	2.97	1.30	4.51	198.69	419.35	0.001	0.001	0.000
Sum	6114.08	3188.07	2647.71	494.05	3264.93	5828.98	1400.44	0.985	0.818	0.153